

The Cotton Gin and Oil

PRESS

A PUBLICATION OF THE COTTON GINNING AND OIL PROCESSING INDUSTRIES

July 1955

56th
year

MAGAZINE OF THE COTTON GINNING
AND OIL PROCESSING INDUSTRIES



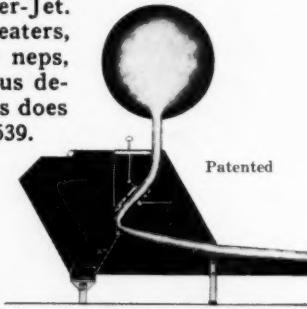


You can see what's here!

This unretouched photograph is of trash discharge scooped from a Super-Jet lint cleaner in actual operation on moderately trashy machine picked cotton. You can see plenty of trash...leaves, stems, motes...and a lot of nep-stock. But there's no spinable fiber. Super-Jet gives you a better net turnout of good spinning-quality fiber because it takes out trash; leaves lint in.

AND NO MOVING PARTS IS THE REASON

Here is a cross section of a Super-Jet. It has no moving parts — no beaters, no saws — nothing to create neps, nothing to wear out. A Lummus development of gentle air-streams does the work. Write for Bulletin 639.



LUMMUS COTTON GIN CO.

Established 1869

COLUMBUS, GEORGIA

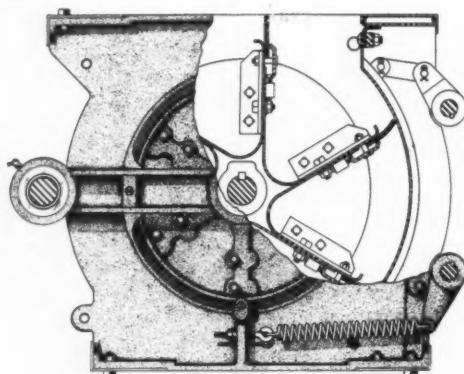
DALLAS, TEXAS

MEMPHIS, TENN.

Continental's

New Easy-Change Flights For Vacuum Cotton Feeders

Save Time and Trouble

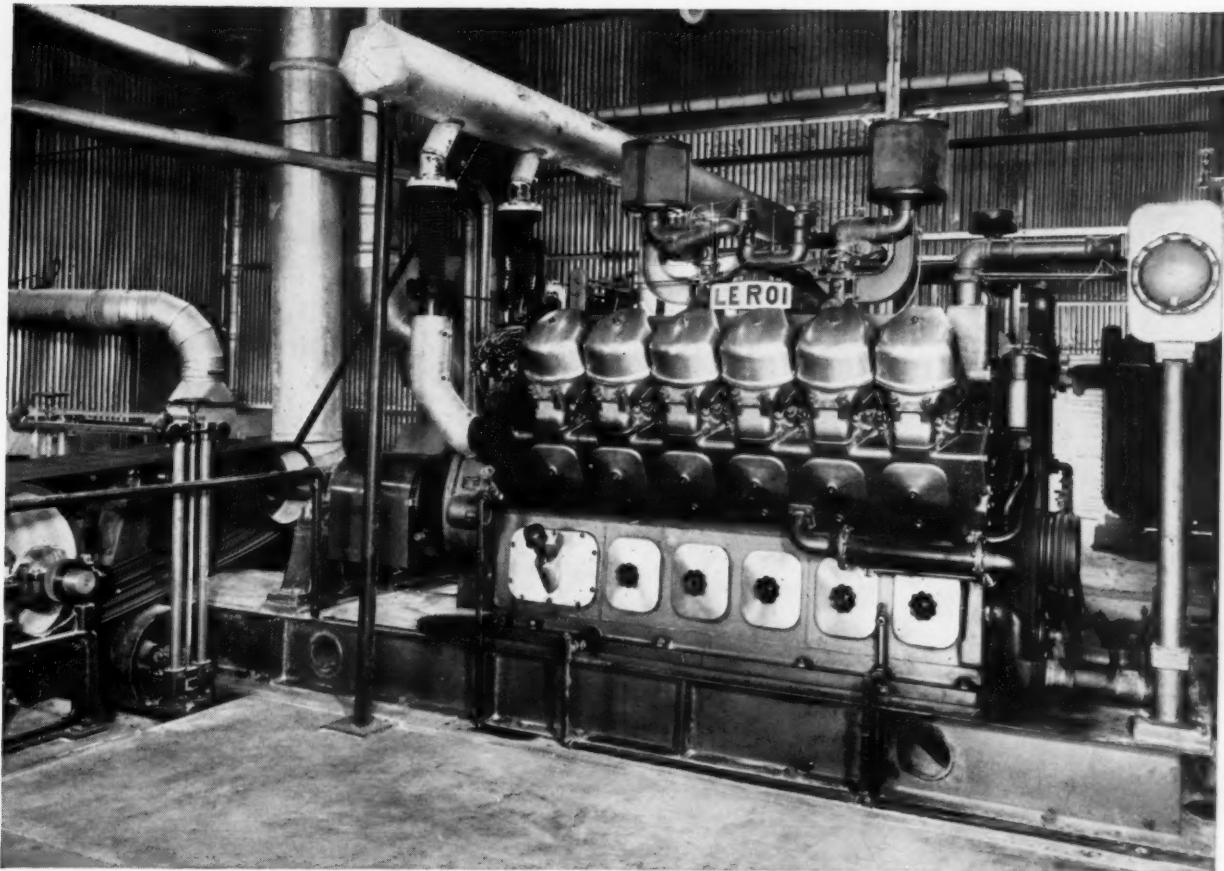


When it's time for a change in the flexible flight material commonly used in cotton feeders due to wear or damage, Continental's new Easy-Change Flights make it possible to do the job in a jiffy.

With Continental's new type of spider or revolving wheel, strips of flashing material can be clamped in place in a matter of minutes. A simple adjustment of the screws on the spider blade regulates to a high degree of accuracy the contact of the flight with the sides of the dropper. All of this is done without having to prepunch or change the flight materials, except to cut the strips to the proper length.

Continental's new flight material is available in cut lengths or in rolls. For complete particulars, contact our nearest Sales Office.

Continental GIN COMPANY



*It's a matter of record
that you can save money
with Le Roi
cotton-gin engines*

In our files, we have reports from ginners in practically every producing state showing that Le Roi engines save money.

We know you're interested in saving money and cutting costs — so here are a few of these reports:

- From Belcher, Louisiana — "Power cost dropped from \$1.20 per bale to 10.73¢ per bale when we installed a Le Roi L3460."
- Gilliam, Louisiana — L3460 fuel cost about 8.5¢ per bale for 6,954-bale season.
- From Fieldton, Texas — "Less than 6 hours downtime in 4 years."
- Altus, Oklahoma — "Our Le Roi L3000 ran for less than 6.5¢ per bale."

There's a good reason why Le Roi engines give outstanding performance. A Le Roi is not a "converted" engine, but one specially designed for cotton-gin and oil-mill service. It has the weight and stamina to take lots of punishment without costly breakdowns. It takes less floor space than other engines of similar hp. rating. Sizes range from 40 to 510 hp., and they all use the same low-cost fuels you use for your dryers and other equipment — natural gas, butane, or propane.

Have your Le Roi distributor show you a Le Roi installation—see why Le Roi's save money. Write for literature.

F-53

LE ROI



Division of Westinghouse Air Brake Co.

Milwaukee 14, Wisconsin

Cotton-Industry Headquarters: Tulsa, Oklahoma



PORTABLE AIR COMPRESSORS



TRACTAIR



STATIONARY AIR COMPRESSORS



AIR TOOLS



ENGINES

DISTRIBUTORS IN ALL PRINCIPAL CITIES



*The Cotton Gin and
Oil Mill PRESS...*

READ BY COTTON
GINNERS, COTTONSEED
CRUSHERS AND OTHER
OILSEED PROCESSORS
FROM CALIFORNIA TO
THE CAROLINAS

★ ★ *

**OFFICIAL
MAGAZINE OF:**

National Cottonseed Products Association
National Cotton Ginner's Association
Alabama Cotton Ginner's Association
Arizona Ginner's Association
Arkansas-Missouri Ginner's Association
California Cotton Ginner's Association
The Carolinas Ginner's Association
Georgia Cotton Ginner's Association
Louisiana-Mississippi Cotton Ginner's Association
New Mexico Cotton Ginner's Association
Oklahoma Cotton Ginner's Association
Tennessee Cotton Ginner's Association
Texas Cotton Ginner's Association

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THE COTTON GIN AND OIL MILL PRESS is the Official Magazine of the foregoing associations for official communications and news releases, but the associations are in no way responsible for the editorial expressions or policies contained herein.

A PROGRESSIVE AND RESPONSIBLE PUBLICATION

★ ON OUR COVER:

Looking at the peaceful moonlight scene on the cover, you'd never guess that this is the stretch of the Carolina coast where the hurricanes came roaring in just a couple of weeks ago. The picture was taken near Wilmington, N.C. As for the boys, we feel sure that they don't have their parents' permission to be out there, but are sneaking in one last trip to the beach before school starts next week.

Photograph by Frank J. Miller

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★ ★ *

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SOUTHWESTERN**

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Lift**

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COTTON GINNING
& OILSEED
PROCESSING
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**THE
VERTICAL
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BASIC
TYPES**

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Such a marked preference for Rotor Lift is natural. Replacing bucket elevators and other mechanical elevating units. Precision engineered to meet your needs and requirements in the elevating of any free flowing bulk material, the Rotor Lift will give you uninterrupted production and a continuous reduction in operating cost. Rotor Lift is available in nine distinct types and four diameter sizes. When processors in the cotton ginning and oilseed industries express such enthusiasm, it is well worth your investigation.

Send for our illustrated catalog describing the mechanical feature and specifications of the Rotor Lift.

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ASSURING BAGGING STRENGTH
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**Modern-Diesel Powered
CONTINENTAL GINNING OUTFIT**

**Will Demonstrate
Cotton Ginning Process
at the Spectacular
GENERAL MOTORS'
POWERAMA EXPOSITION
in Chicago**

August 31, through September 25

A modern Continental Ginning Outfit, operating full blast on the Lake Shore Drive, adjacent to Soldier Field, in Chicago, will be one of Detroit Diesel Engine Division's unique exhibits at the gigantic General Motors' Powerama which opens August 31.

This event, a spectacular exposition of the widespread modern day uses of Diesel power in American industry, will be held in celebration of General Motors' overall production of 100 million Diesel horsepower.

Thousands of visitors to the GM Powerama are expected to see Continental's modern Ginning Outfit demonstrate how cotton is processed from the fresh picked cotton to the clean, compact bale.

Cotton ginners who visit this great exposition are cordially invited to call at Continental's exhibit and see its Outfit in operation.

CONTINENTAL GIN COMPANY

BIRMINGHAM, ALABAMA

ATLANTA

DALLAS

MEMPHIS

**At Texas A. & M.
On Sept. 7-8-9**

Ready for Conference On Mechanization

**Cost and quality will be stressed at ninth
Beltwide discussion of cotton industry's progress
in mechanical production and harvesting.**

• • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •

MECHANIZATION—Cost and Quality" is the theme for the ninth annual Beltwide Cotton Mechanization Conference. The meeting will be held at Texas A. & M. College, Sept. 7-8-9. The Memorial Student Center at College Station will be headquarters for the first two days, while the final day will be devoted to a tour from College Station through the Blackland area to Temple.

The National Cotton Council is sponsoring the conference, with the cooperation of USDA, land grant colleges of the Cotton Belt, the Farm Equipment Institute and the 1955 host institution, the A. & M. College System of Texas.

A complete report of the conference will be published in The Cotton Gin and Oil Mill Press on Sept. 24. The Council will later distribute the summary-proceedings of the conference, as has been done in the past.

Registration for the meeting will start at 4 p.m. Tuesday, Sept. 6, and continue Wednesday morning.

Wednesday, Sept. 7

- **Opening Session** — R. Flake Shaw, Greensboro, N.C., chairman of the mechanization steering committee and executive vice-president of

C. M. FERGUSON, administrator, USDA Extension Service, is scheduled to address the Sept. 7 session.

A. L. VANDERGRIFF, vice-president, Lummus Cotton Gin Co., will participate in the quality program Sept. 7.



CLAUDE L. WELCH is director, division of production and marketing, National Cotton Council. He will address the opening session.



DR. J. E. ADAMS, dean, school of agriculture, Texas A. & M. College, will preside over the first afternoon session on Sept. 7.

DR. LOUIS E. HAWKINS, director, Oklahoma Experiment Station, will speak on the Sept. 7 afternoon program.



the North Carolina Farm Bureau Federation, will preside over the initial session, starting at 10 a.m.

Dr. M. T. Harrington, chancellor of Texas A. & M. College, will deliver the address of welcome.

"Facing the Challenges of Mechanization" will be the subject for an address by Claude L. Welch, Memphis, director of the Council's division of production and marketing.

Ervin L. Peterson, Washington, USDA Assistant Secretary of Agriculture, will speak on "A Long-Range Expansion of Farm Research and Education."

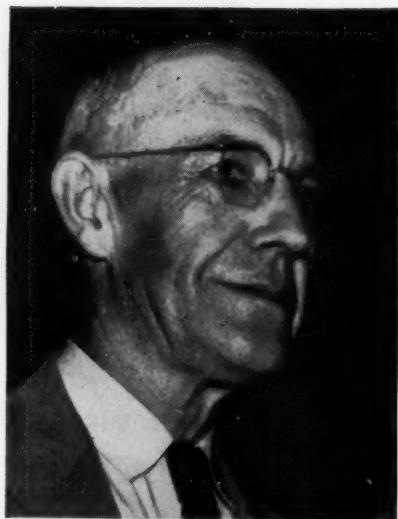
• Afternoon Session — Dr. J. E. Adams, dean, Texas A. & M. school of agriculture, will preside during the afternoon.

"Cotton's Competition at the Mill Door" will be discussed by Robert C.

Jackson, Washington, executive vice-president, American Cotton Manufacturers' Institute.

Irving A. Duffy, Birmingham, Mich., vice-president and general manager, Ford Motor Co. tractor and implement division, will have as his subject "The Relation of the Farm Equipment Industry's Programs to Cotton's Future Competitive Strength."

USDA-land grant college research programs and their relation to cotton's future strength competitively will be discussed by Dr. Louis E. Hawkins, Stillwater, director, Oklahoma Experiment Station. Extension programs' relationship to cotton's future in competition will be reviewed by C. M. Ferguson, Washington, administrator of the USDA Extension Service.



R. FLAKE SHAW, executive vice-president, North Carolina Farm Bureau, heads the mechanization steering committee and is conference chairman.

It Can Be Moved by Air!

The Hubert Phelps Machinery Company of Little Rock, Arkansas, announces another great advancement in the field of pneumatic conveying! Their new, high pressure air unloader has a fan which will create enough pressure on the suction side to convey seed 100 feet at the rate of 30 tons per hour! It will blow efficiently up to 500 feet! The fan develops 2.7 PSI and can be equipped with either a gas (diesel) or electric motor.

This new high pressure unloader is extremely adaptable, and is ideal for loading or unloading trucks, boxcars, boats, seed pallets or warehouses! Each unloader is built to your specifications to speed up your seed handling and to meet the specific requirements of your operation. The maintenance cost on these

high pressure unloaders . . . like all Phelps pneumatic unloaders . . . is extremely low!

The Hubert Phelps Machinery Company has pioneered in the field of pneumatic unloading, and has created several time- and money-saving devices . . . including the industry's first engineered, positive action Y valve! The Phelps Y valve completely eliminates "choke up" and its positive action prevents shifting.

You can quickly reduce the moisture content in your storage bins with Phelps rubber bladed fans that are built to meet your specific requirements. The extra static pressure of a Phelps cooling fan is like having another full-time insurance policy on your storage bins.

For complete information on the latest engineering advancements in the pneumatic unloading industry, write today to . . .

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H. P. SMITH, Texas A. & M. department of agricultural engineering, will discuss mechanical stripping on Sept. 8.

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on the market*



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mills
of



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Local Promotion SELLS MORE COTTON At Tulsa Stores

■ EXPERIENCE in Oklahoma shows how firms can increase retail sales of cotton products, and indicates the value of giving support to the National Cotton Council for many similar programs elsewhere.

SALES of cotton sport shirts were 50 percent greater than at any other time in five years at a Tulsa, Okla., store during one week in May, 1955.

Other Tulsa stores sold more dresses, more home furnishings and more of other products made from cotton during the same week.

Cotton sales jumped because cotton products had a special effort behind them. That effort was made at the retail level by a large number of stores and other Tulsa organizations cooperating with the National Cotton Council and Oklahoma cotton interests.

Council representatives point out that the Tulsa program was possible only because of the fine cooperation of all cotton interests, local stores, radio and TV stations, newspapers and other organizations.

The obvious moral to this tale is that more cotton can be sold—if cotton has the planned, intelligent support of good advertising and sales promotion. Almost as obvious is the conclusion that the same thing would be done in many cities throughout the U.S. if the National Cotton Council just had the budget and the personnel that it would take to arouse the same local activity that Tulsa had.

• What Tulsa Did—The story of what Tulsa did is taken from a report by Dale Earnest, Associate County Agent

in charge of consumer education, as sent out to Oklahoma ginners and crushers by Secretary-Treasurer J. D. Fleming, Jr., who worked closely with the Council in developing local promotion in Altus, Chickasha, Oklahoma City and Muskogee, also. The work was done last May during National Cotton Week.

Tulsa's activities centered in the office of Earnest and with Sam Schneider, farm director of Stations KVOO and KVOO-TV. Dick Yeager, field representative of the National Cotton Council, played a big part in getting the local activity under way, but the only cost to the Council of the widespread advertising and promotion for cotton was Yeager's expenses.

Tulsa's activities are summarized by Earnest as follows:

"On May 4, Dick Yeager, representative of the National Cotton Council, presented a television program on Station KVOO-TV as an introduction to National Cotton Week in Tulsa. Yeager told the story of National Cotton Week and why it was being held. He further demonstrated how new materials are being made of cotton along with new uses of the material. Yeager introduced the plan of the consumer education program to present a series of demonstrations throughout Cotton Week on KVOO-TV.

"During the week of May 9-13, the

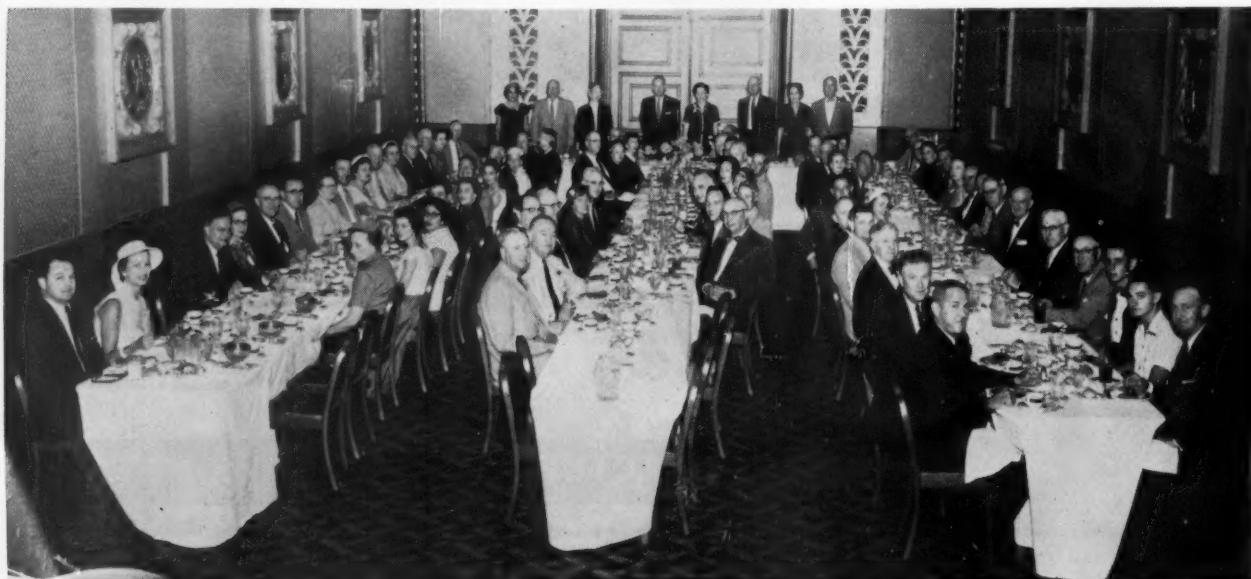
consumer education program worked out a series of demonstrations with local stores on promotion of Cotton Week. The stores cooperating with the program were Vandeviers, Brown-Dunkins, Sears, and J. C. Penny. The demonstrations were divided up in such a way that Brown-Dunkin and Vandeviers demonstrated the latest fashions in cotton dresses all the way from the average cotton house dress to the latest fashions in evening wear made of cotton. Sears demonstrated the new uses of cotton in home furnishings including draperies, curtains, slip covers, and other uses of cotton in furnishings within the home. J. C. Penny's spent their time on home furnishings also, but from a different angle—sheets, pillow cases, bedspreads and other articles made of cotton that are used in everyday household furnishings.

"Five demonstrations were used throughout the week on KVOO-TV. In addition to the stores, the Assistant Home Demonstration Agent, Miss Leonora Gibbons, presented a demonstration with 4-H Club girls on the dresses the girls had made as a 4-H Club project.

"As a follow-up to the effectiveness of the work done during National Cotton Week, I checked with the local stores to see if there had been any increase in the use of cotton and to obtain the opinion of the various people who had participated as to their reaction to the program. In all cases everyone felt that the television appearances had greatly assisted the sale of cotton goods."

Vandeviers reported a definite increase in the sale of their cotton dresses, and an especially large increase in sales of the type of dresses used on the television show.

Cotton sport shirts, mentioned earlier in this article, were used by the Sears, Roebuck Co. representative in his television appearance—and cotton sport shirt sales were 50 percent larger than at any time during the past five years. Sears also had an increase in sales of other cotton products featured.



Texas Crushers' Association Host at Luncheon

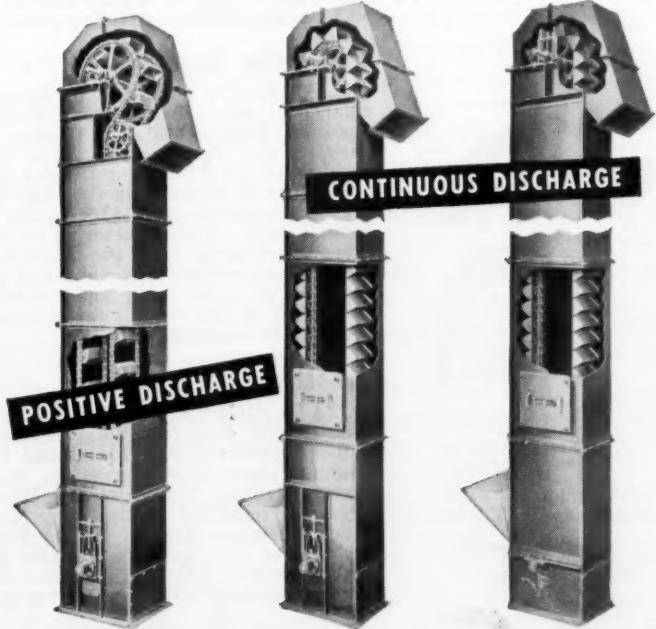
MEMBERS of Texas Cottonseed Crushers' Association in Dallas and their wives were guests at a luncheon on Aug. 15 when the officers, directors and committees of the Association met. The luncheon group is shown here.

How to lower the cost of elevating your material



**DESIGNED FOR LIGHT,
FREE-FLOWING MATERIALS.** Has welded steel, dust-tight casings.

Boot shaft furnished with gravity takeups on elevators having 50-foot centers or more. Elevators have steel buckets mounted on belt. Curved hood is designed for proper discharge of material.



FOR LIGHT, FRIABLE OR SLUGGISH MATERIALS. Buckets mounted on double chain strands.

POPULAR FOR A RANGE OF MATERIALS. Has fixed head shaft, screw type boot shaft takeup.

FOR CRUSHED MATERIALS with lumps less than $\frac{1}{2}$ ". Fixed boot shaft, adjustable head shaft.

LINK-BELT will recommend the right bucket elevator to meet your requirements

THERE'S no surer way to reduce the cost of raising your materials than getting the right elevator for the job. And that's why the broad Link-Belt line of elevators is so vital to you. Our engineers can choose the right elevator designed with regard to your layout and capacity requirements. What's more, the complete Link-Belt line of elevator buckets assures a specific answer to the nature of your material.

There are so many considerations to be met in providing the ultimate in elevating efficiency that it's wise to call in Link-Belt while in the design stages of a new plant. We'll correlate all factors—including proper buckets and spacing for clean pickup and discharge . . . the right takeup . . . correctly designed hood to prevent back-legging. And with Link-Belt, you get design advancements that minimize installation, operating and maintenance costs.

You can reach an experienced materials handling engineer at your nearest Link-Belt office. Call today for full information.



Soybean meal from receiving tank is carried up to roof and delivered to six meal storage rooms by Link-Belt bucket elevator and screw conveyor system.

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LINK-BELT COMPANY: Executive Offices, 307 N. Michigan Ave., Chicago 1. To Serve Industry There Are Link-Belt Plants and Sales Offices in All Principal Cities. Export Office, New York 7; Canada, Scarborough (Toronto 13); Australia, Marrickville, N.S.W.; South Africa, Springs. Representatives Throughout the World.

As viewed from The "PRESS" Box

• Johnson Grass Cross

THAT ORNERY PEST Johnson grass is being crossed with sorghum at the Mississippi Experiment Station in tests that are most promising, though not yet conclusive. Sorghum type crosses have grown 18 feet tall and produced up to 32 tons of forage per acre. Crosses are produced by applying the pollen of Johnson grass to sorghum flowers. The Johnson grass crosses are still only a future possibility, and those who are

more interested in getting rid of the stuff than growing it are advised to read "How You Can Kill Johnson Grass" in the Aug. 13 issue of The Cotton Gin and Oil Mill Press.

• Save Late Cotton

MORE COTTON often can be saved by applying insecticides around two weeks before harvest than at any other time, says Alabama Extension Entomologist W. A. Ruffin. Ruffin urges growers to

CUT DOWNTIME WITH RUBBER

From California to Georgia ginners are turning to rubber to save hours of downtime and dollars in lost production. The new Rockhide rubber lined elbows are fast becoming standard equipment in progressive gins from one end of the cotton belt to the other. In every cotton-growing section these rubber lined elbows are saving their price in replacement cost plus thousands of dollars by drastically reducing downtime. Rockhide Elbows are made in standard sizes of 20 gauge black iron. A quarter inch of tough, abrasion resistant rubber is fused to the heel half of the elbow and guaranteed never to come off. It starts in the bead in the intake end and extends smoothly over the crimp in the discharge end, giving full protection from one end to the other. Installation is the same as any galvanized elbow.

Don't Throw Away Your Old Fan Scrolls!

Old Fan Scrolls . . . even if they have holes in them . . . can be made better than new. When lined with rubber they will outlast a new scroll many times. Write for price lists today or contact your nearest jobber.

Call or write one of these jobbers for immediate delivery on Rockhide Conveyor Elbows.



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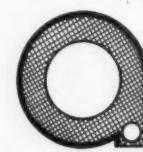
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Special angles,
transitions and
dust collectors
also available.

practice late season control whenever weevils are seen migrating or when 25 percent of the bolls contain weevils.

• Biggest Golf Ball

THE GOLF BALL ON THE TEE is the way West Texans are describing the 50,000-gallon water tower over Western Cottonoil Co. mill at Lubbock. The tower, which is used to hold water for the plant's own water system, has become a familiar landmark on the Lubbock-Slaton highway.

• Guide in Irrigation

GYPSUM BLOCKS can help farmers decide when and how much to irrigate, says A. W. Marsh, Oregon State College.

The new method, which Marsh describes as the most foolproof to date, involves gypsum blocks, some wire and an instrument which measures electrical current, and here roughly is how it works:

Gypsum blocks containing wire leads are tamped in the ground at varying depths. The blocks will absorb and lose water as the soil moisture changes. Wire leads from the block are connected to the instrument, which sends out a small electrical current through the block and measures the resistance to electrical flow.

Marsh reports it takes about a minute to obtain a reading, and instructions with the instruments tell how to interpret the reading.

• Farm Population Drops

FARM POPULATION of the U.S. was about 22,158,000 in April, 1955, USDA estimates. This does not represent much change from the estimate a year earlier, but is about 3 million fewer persons than were on farms in 1950. The long downward trend in farm population has reduced the number of farm residents to 13.5 percent of the total U.S. population.

• Factoring Increases

FACTORING is a method of business financing which has almost doubled since V-J Day, according to Charles W. Sargent, Jr., vice-president of a New York factoring firm. He estimated that the volume of factoring in 1955 was \$3.2 billion, compared with \$1.7 billion in 1945. Sargent defined factoring as business financing in which the factor buys the accounts receivable of his clients and assumes all credit risk and collection responsibility. He believes factoring will continue to increase.

• Better Potato Chips

POTATO CHIPS are crispier and better colored when made from potatoes treated before harvesting with a chemical that prevents spuds from sprouting, manufacturers report. The chemical is MH-40, a growth regulator developed by Naugatuck Chemical division, United States Rubber Co. It is sprayed on plants just before harvest to keep the tubers firm and sprout-free in storage for up to 12 months.

• 100 Carloads Daily

CALIFORNIA uses 100 freight carloads of fertilizer daily in producing cotton and other crops, the State Department of Agriculture estimates.

Bill Estes tells...

Why **EMPIRE** changed to **Panogen**

THE LIQUID SEED DISINFECTANT



W. J. Estes, President of Empire Pedigreed Seed Company, Haralson, Georgia, growers and distributors of Empire Registered Seed.

● "After analyzing many demonstrations of seed disinfectants, we're convinced that liquid PANOGEN gives a more uniform treatment than any other seed protectant we've tested," says Bill Estes, one of the nation's three largest treaters of cotton seed.

"We're therefore happy to announce that we will use PANOGEN liquid seed treatment exclusively during the coming year."

Like other leading cottonseed growers and distributors, Bill Estes is doing everything possible to insure his customers against the seed and soil borne organisms and diseases which cost planters 400 million dollars a year.

Liquid PANOGEN protects against many seed borne diseases and greatly assists as a control measure against bacterial blight (angular leaf spot), wet weather blight, anthracnose (damping off) and also against

boll rots and seed decay. Because the PANOGEN PROCESS tints the seed pink, the planter can be sure that the coverage is uniform and that each seed will receive thorough protection.

As Bill Estes says, "Tests have convinced us that the PANOGEN-treated seed will emerge faster, show better stands, and produce better yields. We are now installing a new PANOGEN treater which is especially designed to handle the PANOGEN liquid seed disinfectant on a fully automatic basis.

"With PANOGEN-treated seed, we will be able to give added service to our customers."

For PANOGEN sales and service, write William L. Warren, Southern Sales Supervisor, Panogen, Inc., P.O. Box 1014, Memphis, Tennessee . . . or call Memphis 36-2412.

Panogen

A Product of PANOGEN, INC.

Ringwood, Illinois

Every Day's Work for Mills

T. R. Cain Is Retiring After 63 Years With Industry

■ EXECUTIVE of Alabama-Florida organization since 1925 has unique record of service to the cottonseed crushing industry. C. M. Scales, oil mill leader, will succeed him.

T. R. CAIN, one of the best loved members of the cottonseed crushing industry, is retiring on Sept. 1 after over 63 years of continuous service to cotton oil mills. Cain, who is executive secretary of the Alabama-Florida Cottonseed Products Association at Montgomery, Ala., will be succeeded in that position by C. M. Scales, who also has been active for many years in the cottonseed crushing industry.

"Every day of my life that I have worked for a salary, I have worked for the cotton oil industry," says T. R., as many of his friends call him.

As a young man, he left his home at Lawrenceville, Ga., and went to Atlanta to attend a "short hand school." When he completed this course, in 1892, he went down the street from the school and got a job as office clerk for the American Cotton Oil Co.

The young man liked his work and was promoted steadily, becoming manager of the Atlanta mill in 1904. During this period, Cain attended the first meeting of the Georgia Cottonseed Crushers' Association, and he was the only

person at the Golden Anniversary convention of the Association in 1955 who had been at the initial meeting.

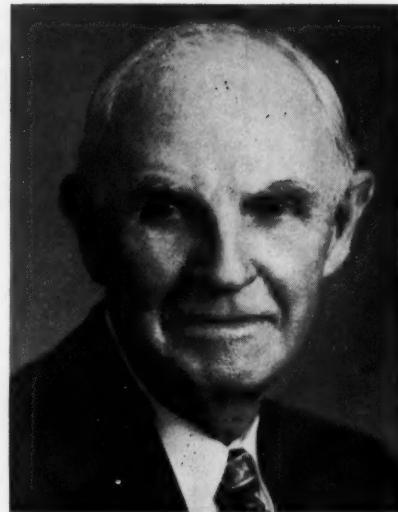
After six months of managing the Atlanta mill, American Cotton Oil Co. transferred Cain to Montgomery, Ala., to manage the firm's mill there.

He remained in Alabama until 1916, when the Buckeye Cotton Oil Co. hired him to manage its Memphis mill. T. R. remained in this position until 1925.

• **Secretary for 30 Years** — Alabama mills at that time were anxious to strengthen their state organization, and asked the late E. T. Allen, who was operating a mill in Montgomery, to select a man to fill the position of executive secretary.

Allen asked Cain to come to Montgomery; and before he left for Memphis, Allen took him to the Vandiver Building in Montgomery to show him his new offices—offices which he occupied for a large part of the 30 years in which he served as the executive officer for the trade association.

Cain's record of service to oil mills has

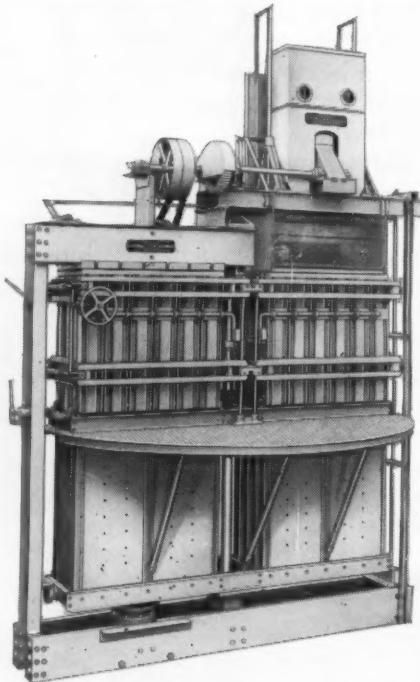


T. R. CAIN

included many accomplishments, not the least of them being his ability to help oil mill settle differences of opinion. His patience and sense of humor have often enabled him and the industry to solve problems.

He also has done much for cotton through his work in the cotton improvement contest, sponsored by the crushers and other industry groups and conducted by Alabama Extension Service. Developed through a one-variety program, the contest is credited by Extension leaders with having materially improved the quality of Alabama's cotton.

The Cain family included three other



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Write for Bulletin 49-P

CEN-TENNIAL COTTON GIN CO.

DALLAS, TEXAS

COLUMBUS, GA.

MEMPHIS, TENN.

brothers who have been associated with the cottonseed crushing industry. Walter worked for the M. C. King brokerage firm in Atlanta; A. P. Cain was associated with the Buckeye Cotton Oil Co., and Tandy D. Cain worked at one time for Elberton Oil Mill, Elberton, Ga.

The retiring executive will continue to live in Montgomery and he and Mrs. Cain are looking forward to visiting with their friends in the future. They expect to attend next year's crushers' conventions.

• **Scales Well Known** — The new executive officer for Alabama-Florida Cottonseed Products Association, C. M. Scales, was associated with the industry for 34 years and has many friends who will welcome him back.

A native of Macon, Miss., he graduated from the University of Mississippi in 1918 and entered the U.S. Marine Corps, Aviation Detachment, that year.

He began his oil mill career in 1920 as cashier of Imperial Cotton Oil Co., Macon, Miss., remaining with the firm until 1938, when he became manager of Home Oil Mill, Decatur, Ala.

While managing the Alabama mill, Scales served as president of the Alabama-Florida crushers' organization, and as chairman of the board for several years. He also represented Alabama on the board of directors of National Cottonseed Products Association.

When the Decatur mill was sold in 1951, Scales went with Louisville Fertilizer & Gin Co., Louisville, Ga. He was manager of the oil mill division when he resigned in 1954 to return to Mississippi. Until appointed to his new position, he was managing E. T. Nunn & Co. International Harvester Store in Shuqualak, Miss.

Crushers Will Meet At Myrtle Beach

North Carolina Cottonseed Crushers' Association and South Carolina Cotton Seed Crushers' Association will hold their joint convention in 1956 at Ocean Forest Hotel, Myrtle Beach, S.C. The dates will be June 4-5, but guests may arrive June 2-3 and the special American plan convention rates will apply. Mrs. M. U. Hogue, Raleigh, is North Carolina secretary-treasurer; and Mrs. Durrett L. Williams, Columbia, is secretary-treasurer for South Carolina crushers.

George Bohlen Elected Cen-Tex President

George Bohlen, representing Hare Cooperative Gin, has been elected president of Cen-Tex Cooperative Oil Mill at Thorndale, Texas.

Emil Schmeltekop, manager of the Kyle Cooperative Gin, is vice-president; and C. H. Lawhon, manager of Rice's Crossing Cooperative Gin is secretary-treasurer. W. R. Sanders was re-elected manager for his eleventh year.

Nutrition Conference

The Kentucky Animal Nutrition Conference will be held Sept. 26-27 at the Guignol Theatre Fine Arts Building, University of Kentucky, Lexington.

Butter, Margarine Sales Above June Last Year

Household purchases of butter and margarine in the U.S. during June, 1955, were about 12 percent greater than in June, 1954, according to USDA.

Over 61 million pounds of butter were bought during the four week period of June, 1955, a gain of approximately seven million pounds over purchases made in June, 1954. Over 89 million pounds of margarine were bought during the same period, with a gain of nine million pounds.

The purchase of butter was down one million pounds from May to June, 1955; margarine was down five million pounds during the same time. In 1954, the decrease from May to June was about four million pounds for butter, while margarine dropped seven million pounds.

Prices paid for butter this June were up slightly from a year ago, while prices for margarine were slightly down.

Pomeroy Re-elected Head Of Seed Association

Harold Pomeroy, Kern County, Calif., cotton grower, has been re-elected president of the California Planting Cotton Seed Distributors, the association handling the development and distribution of California Acala 4-42 cottonseed.

Floyd Nelson, Madera, was elected vice-president, and Ray Oesting, Tulare County, was elected a director for three years. L. B. Nourse, Bakersfield, was re-appointed manager and secretary-treasurer.



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Illustrated Bulletin

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Delta Research Clinic Meeting at Sikeston

Current farm research practices and programs will be examined at a day-long meeting being held Monday, Aug. 29, at the Rustic Rock Inn at Sikeston, T. A. Haggard, chairman of the research committee of the Missouri Cotton Producers' Association has announced.

Haggard stressed two points, the importance of the meeting and, that while cotton would be the major topic, the meeting would be open to discussion of any other crop problems occurring in the Delta area.

Dr. W. C. Etheridge, retiring professor of field crops will head a delegation of representatives from the Uni-

versity of Missouri embracing all departments of the college of agriculture. H. D. Ficklin of Charleston is vice-chairman of the MCPA committee on research and will assist Haggard at the meeting. Hilton L. Bracey, executive vice-president of MCPA, is in charge of arrangements.

Holubec Now at Granger

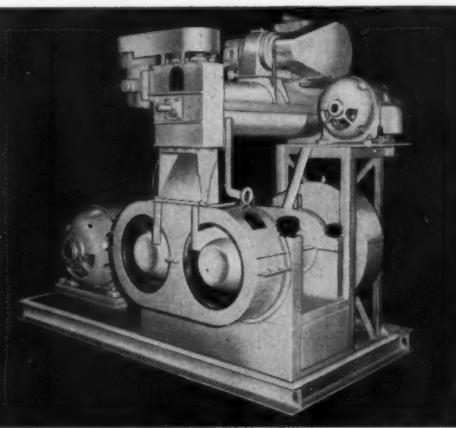
R. F. Holubec has returned to Granger, Texas, to his former position as manager of Farmers Cottonseed Oil Mills there. He had been manager of Alice Cotton Oil Co., Alice, Texas, for several years.

George Hoffman is serving as manager at Alice.

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Dorset Retires, Fuqua Heads Mrs. Tucker's

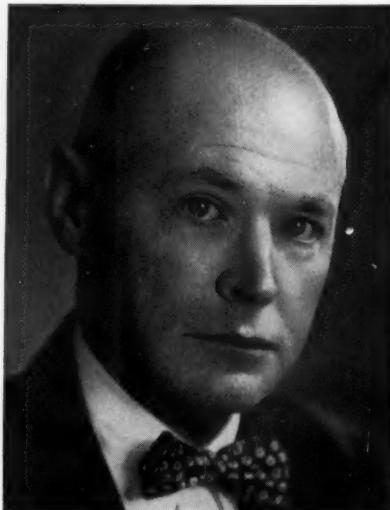
W. S. Dorset is retiring as president of Mrs. Tucker's Foods, Inc., Sherman, Texas, and is being succeeded by Claude T. Fuqua, Jr., who has been executive vice-president of the firm, a division of Anderson, Clayton & Co.



W. S. DORSET

R. C. Sewell, vice-president and sales manager, will resign. James A. Stillwell of Houston, has been named acting sales manager.

Announcement was made by Dupuy Bateman, Jr., vice-president of Anderson, Clayton and Co.



CLAUDE T. FUQUA

Both Dorset and Sewell will continue as directors of the firm. Dorset will also continue as a director of Anderson, Clayton.

"We regret that Mr. Dorset has found it desirable to retire from active executive responsibility in this business in order to devote more time to his private affairs and investments," Bateman said.

"We also regret to announce that Mr. Sewell has resigned as sales manager of this division to be associated with Mr. Dorset," Bateman said.

• Cotton Gets Better Flame Resistance

A MUCH SUPERIOR TREATMENT to make cotton fabrics flame resistant has been developed at USDA's Southern Regional Research Laboratory, New Orleans.

"A combination of mutually supporting fire-retardant agents" is the basis for the new treatment which results in cloth that passes the most stringent tests for flame resistance.

USDA says that the method was developed in cooperation with the Army and with funds supplied by the Office of the Quartermaster General.

Two methods of imparting flame resistance to cotton cloth had been announced earlier by USDA's Southern Utilization Research Branch.

Both of these earlier processes gave a durable finish, and fabrics treated by either method are flame-resistant and glow-resistant and useful for many purposes. However, when both of these treatments are properly applied to the same cloth, USDA announces, the combination is much more effective than when either is used alone. The resulting product will pass the much more stringent "strip-burning test," in which a thin strip of fabric, instead of the wider swatch, is exposed to an open flame.

In the new combination treatment, one part of tetrakis (hydroxymethyl) phosphonium chloride emulsion is mixed with two parts of bromoform-allyl-phosphate-resin solution and applied in a one-bath treatment. The cloth is impregnated with the mixture, then dried and heat-cured. This process increases the weight of the cloth about 18 percent, but normal fabric properties are otherwise little changed. The flame-resistant finish is highly durable to both laundering and dry cleaning.

Additional information on the treatment may be obtained from Dr. C. H. Fisher, chief, Southern Utilization Research Branch, 2100 Robert E. Lee Boulevard, New Orleans.

Swift Proves Safety Pays

Swift & Co.'s Memphis refinery has set one of the nation's outstanding safety records with a history of 10 consecutive years without a disabling injury.

R. A. Harschnek, Swift's director of safety in Chicago, said the record represented almost 900,000 man hours and, according to a rate of 19.3 accidents for each million man hours in other industries, more than 17 disabling injuries could have been expected in the vegetable oil and shortening plant.

Directors of Texas Ginners To Meet

Dates for the annual directors' and allied industries' meeting of Texas Cotton Ginners' Association will be Jan. 19-20-21, Ed H. Bush, Dallas, executive vice-president, has announced. The meeting will be held in Corpus Christi, and details of plans for it will be announced later, Bush said.

Lynch Is Board Chairman Of Continental Gin Co.

Robert S. Lynch was elected chairman of the board of Continental Gin Co. at a meeting of the board of directors in Atlanta on Aug. 18. Lynch, president of the Atlantic Steel Co., will continue in that capacity. He succeeds George W. Woodruff as Continental board chairman, and Woodruff becomes chairman of the executive committee.

Merrill E. Pratt will continue as president of Continental Gin Co., which position he has held since 1934. A. L. Smith was named honorary chairman of the board after having served for many years as vice-president, president, and vice-chairman of the board. No other

changes in officer personnel were made.

The directors declared the usual 50 cents per share dividend on common stock payable Oct. 3 to stockholders of record Sept. 15.

Lynch, a native of Vandergrift, Pennsylvania, was formerly connected with Republic Steel Corp. in Canton and Massillon, Ohio. He came to Atlanta in 1944 as general superintendent of Atlantic Steel Co. In 1946 he was made vice-president, and in January, 1947, he was elected president, which position he still holds.

The Continental Gin Co. was incorporated in 1899. With principal offices and factory in Birmingham, the company also has manufacturing plants and sales offices in Atlanta; Dallas; and Memphis. It also has a factory in Prattville, Ala.

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CECIL CROW looks over his Seed-O-Meter, device for weighing cottonseed.

In Use for Three Years

Ginners Like New Device Which Weighs Seed

■ FARMER knows he's getting exactly the amount of seed he brought in, says manager who uses Seed-O-meter.

A PRODUCT that could prove revolutionary in cotton ginning industry is being manufactured in a well-equipped shop in Waco, Texas, by a man with 30 years of experience in the cotton scales business.

The product, a device for fast and accurate weighing of cottonseed, is called the Seed-O-Meter.

The man is Cecil Crow, son of the late A. J. Crow, who pioneered cotton scales and other ginners' products.

Crow has made and repaired beam scales for years, but he had a desire to make something completely different that would prove helpful to cotton ginners. He worked years perfecting the Seed-O-Meter, and ginners already using it are loud in praise of the product.

It works like a water wheel. It can be installed anywhere. It is welded steel construction; it lasts years without changing any parts, requires no human attention and gives the ginner a perpetual inventory of exactly how many pounds of seed he has handled, Crow says.

The Seed-O-Meter records every five seconds, records by the second, the bale, the season or all three. It takes all of the guess-work out of splitting bales with no stops, delays or labor.

Crow designed the automatic, electric-recording cottonseed scales "for use in

any gin, including the fastest gin in the country."

Veteran Ginner C. W. Brown, operator of the Co-Op Gin at Britton, Texas, is using it for the third straight season. Says Brown, "With the Seed-O-Meter the farmer knows he is going to carry back exactly the amount of seed he brings in.

"One big advantage the Seed-O-Meter has is that you do away with one elevator . . . nobody has to weigh the seed in the big hopper . . . it saves lots of time . . . this will be my third year to use it . . . we ginned 3,185 bales in the last two seasons . . . it is perfect and still looks and works like it was brand new . . . I'd say you save \$1,500 to \$2,000 on the installation of these seed scales.

"I figure this product is better than the salesman, W. O. Caton of Waco, told me it would be. No parts have worn out, and now the farmer knows he is carrying back exactly what he brought here . . . there is no guess-work."

Brown installed the Seed-O-Meter on the head of the seed elevator. He uses a 5-80 gin. Brown figures three innovations have proved really helpful to him as a ginner.

"The drying system which came out

around 1950—best thing to really take a load off the ginner.

"These seed scales which came out in 1953, and the boll catcher which came out in 1954."

Asked about his experience as a cotton ginner, Brown answered with a wry grin: "If there is a more experienced ginner in Texas—he has to be older. I'm 58—started back in 1912 when I was 15. Since then I've ginned many places in Texas and one season at Memphis, Tenn. Guess I've seen all the machinery. I started ginning out of Lubbock, was around gins even before I was 15 but never picked much cotton."

Brown, incidentally, produced the first bale of cotton in Tarrant County in 1954. His farm is about two miles from his gin in Britton.

• J. O. Atwell Resigns From Southland

J. O. ATWELL has resigned from Southland Cotton Oil Co. Division of Anderson, Clayton & Co. to devote his time to his livestock and farming interests in Lamar County, Texas. He has been with Southland for 33 years.

Atwell joined the Southland organization at Oklahoma City and was at Wynnewood, Okla., and Lubbock. In 1935 he became mill manager at Paris, Texas, then vice-president and treasurer in 1952. Since the merger into Anderson, Clayton & Co. on July 31, Atwell has been general auditor.

General Manager James R. Gill, commenting on the resignation, said:

"The unusual ability and untiring efforts of Mr. Atwell have, through the years, contributed much to the success and efficient operation of the company; and his personal attributes have been the source of inspiration and emulation to his associates in the company and in the industry generally."

Charles Geron, assistant to the general manager, will assume the responsibilities being relinquished by Atwell. The linter sales department of the company is being transferred from Dallas to the general office of the company in Paris and F. L. Carpenter, manager of that department, will become sales manager.

Charles C. Harlan, manager of the Paris mill, will continue to direct the operations of that mill.

Ginnings to Aug. 16

Number of bales of cotton ginned from the crop of 1955 prior to Aug. 16, and comparative statistics to the corresponding date in 1954 and 1953.

State	RUNNING BALES		
	*1955	1954	1953
United States	**616,273	*848,720	**574,687
Alabama	15,696	34,692	14,048
Arizona	361	5,381	2,408
California	169	918	1,104
Florida	2,135	4,138	1,608
Georgia	35,952	77,551	38,001
Louisiana	872	9,122	5,107
Texas	561,088	716,918	512,411

* The 1955 figures include estimates made for cotton gins for which reports were not obtained in time for use in the preparation of this report.

** Includes 313,958 bales of the crop of 1955 ginned prior to Aug. 1 which were counted in the supply for the season of 1954-55, compared with 388,229 and 345,860 bales of the crops of 1954 and 1953.

Statistics for 1955 in this report are subject to revision when checked against individual returns of the ginners being transmitted by mail.

Cotton consumed during July, 1955, amounted to 566,640 bales.

Tour Manager for 1956 Maid of Cotton Named

Annette Reid, Dallas, has been appointed tour manager for the 1956 Maid of Cotton, Ed Lipscomb, Memphis, sales promotion and public relations director of the National Cotton Council, has announced.

Miss Reid will be in charge of general tour arrangements and will handle fashion liaison work with department stores. She will be responsible for arrangements with press, radio, and television representatives throughout the seven-month tour.

The new tour manager has been public relations director of A. Harris & Co., Dallas, since December, 1952. Before joining the A. Harris & Co. staff, she was with the State Fair of Texas and the Office of Price Stabilization. Her father, Robert T. Reid, Sr., was a linters broker and dealer in New Orleans, Atlanta, and Dallas before his death in 1937. He was the first man in the U.S. to receive a government linter grading certificate and was a partner in the first brokerage firm handling linters exclusively.

The 1956 tour is the eighteenth to be sponsored by the National Cotton Council, the Memphis Cotton Carnival Association, and the Cotton Exchanges of Memphis, New York, and New Orleans.

Moss-Gordin Plans School At Lubbock on Sept. 1

Moss-Gordin Lint Cleaner Co., manufacturers of Moss Lint Cleaners, will conduct a one-day operators' school in the company's factory at Lubbock, Sept. 1.

Those attending will be given actual demonstrations of the various adjustments that are important to keep the cleaner operating at highest efficiency. Instruction on how to take care of the machine during the ginning season will be a part of the program. Of value also will be a factory conducted tour showing the manufacture and assembly of Moss Lint Cleaners.

Last season the Lubbock school was attended by 165 owners and operators and the factory is anticipating a larger group at this meeting. Over 100 persons attended the school recently held at Memphis.

In addition to owners and operators of Moss Lint Cleaners, other ginners who may be interested in attending are invited.

Executive Committee Named

Russell J. Kennedy, general manager, California Cotton Cooperative Association, Bakersfield, has announced that the following have been named to the executive committee: Edwin J. Neufeld, Wasco; L. W. Frick, Arvin; Leland K. Martin, Tulare; W. L. Smith, Buttonwillow; C. R. Shannon, Tulare; Forrest Howes, Visalia; Tilford Cheney, Tulare; Ben Hays, Madera; Ejnar Hansen, San Joaquin; and Frank Stockton, Bakersfield.

DICK GRAOEFSEMA is manager of Dos Palos Cooperative Gin in California. He formerly was with American Trust Bank, Dos Palos.

• Seedling Disease Tests Favorable

PROMISING RESULTS have been obtained in preliminary tests of chemicals to control seedling diseases of cotton in North Carolina. For the past two years, the Upper Coastal Plains Station, Rocky Mount, has controlled damping-off of cotton with certain chemicals used in the seed furrow.

Eight fungicides were tested in 1953. They were sprayed in the seed furrow on hand-dropped, acid-delinted, Ceresan-treated cottonseed. One and two pounds of active chemical per acre were used. The seed were then covered so that the fungicide was mixed with the soil to a certain extent.

This planting was followed by nine days of dry weather, then by 10 days

of very wet and cold weather. Untreated plots had very poor stands, while plots treated with two of the chemicals developed good stands.

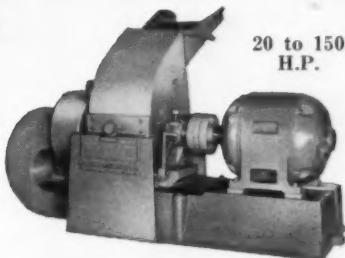
A first planting in 1954 was followed by very favorable weather, and chemicals did not increase final stands. Plots treated and planted on April 30, however, had stands 40 to 70 percent better than untreated plots.

More research is needed to determine finally whether the chemicals are practical for farm use, the research workers point out, adding that the need for control of seedling diseases is indicated by the fact that North Carolina loses about 10,000 bales yearly from these diseases.

■ REX W. MILLHOLLEN has been named assistant state 4-H Club leader by Arizona Extension Service.

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from our Washington Bureau

by FRED BAILEY

WASHINGTON REPRESENTATIVE

The COTTON GIN and OIL MILL PRESS

Battle Lines Drawn—Issues have been set and battle lines drawn for the tooth and claw, head-on 1956 clash over farm programs and policies. For the first time we are now able to give you a reliable preview of arguments to come.

As was to be expected, it will be principally a Democratic vs. Republican scrap. But it goes deeper than that. It cuts across party lines and it divides farm organizations as well as farmers.

However, for the purpose of brevity, let's outline the position of one group as Democratic and the other as Republican. You will find a majority of congressmen, farm leaders and farmers in one or the other of those camps.

Democratic Position — Democratic spokesmen charge that this Administration has "sold farmers down the river" through a price support program that has cut their income by almost one-fifth in less than three years. The Administration-backed flexible price support program is to come under continuing and heavy attack.

Second line of Democratic attack is to be based on charges that Secretary Ben-

son, and to a degree President Eisenhower, have followed a program that favored urban prosperity at the expense of farmers. The Department is to be charged with all kinds of mismanagement and bungling.

Republican Defense — The Administration within the last few days has begun to show its hand on an official defense line. The course to be followed was revealed in speeches by two of the top USDA officials, Undersecretary True D. Morse and Assistant to the Secretary Donald Paarlberg.

Briefly, that defense is this: Farmers, with some exceptions, ("some farmers always have been and always will be poor") have prospered under the Eisenhower Administration and the future is bright for continued improvement.

Morse, speaking Aug. 24 in Illinois, put it this way: "Farm families have growing security and general welfare as we move forward in an unprecedented era of peace and prosperity."

Paarlberg, speaking in Massachusetts, said: ". . . the alleged agricultural depression is a statistical depression. Per capita income of farm people from all sources actually increased 16 percent in the past seven years."

With a former Army general in the White House, it is evident that the Administration farm strategy is based on the old military axiom that the best defense is a strong offense. That course is indicated by both Morse and Paarlberg.

First, a few quotes from Morse:

"A positive, dynamic and aggressive program for American agriculture is being developed. It is characterized by such objectives as: Freedom for farmers, expanding production, increasing consumption, competitive prices that build markets, efficiency, quality products, salesmanship and sound governmental programs and action."

Morse warned against the (Dem-

ocratic) approach to agricultural problems "that is negative with a defeatist attitude, with retreat and defensive action."

As proof that farmers are prospering under the Benson regime, Morse cited "an increase in farmers' equity; increased farm savings and investments; a financially sound debt position; rising farm land prices; and confidence in the future."

Paarlberg Speech — While Morse deals in generalities, Paarlberg's speech is more specific. In many ways it is the more significant of the two. That is partly because the former Purdue University professor, and since 1953, the chief economic advisor to Benson, has played a major role in shaping USDA farm policy, especially on price supports.

Paarlberg first faces up to some undisputed facts: Since the farm price decline started in 1952, just before the election, net farm income has gone down by almost one-third. Non-farm income has gone up by almost one-fifth.

Per capita incomes of farmers are only 50 percent as high as incomes of non-farmers. Farm income has dropped from 10.3 percent of the national total in 1947, to about 6 percent. Farm operating costs have stayed at or near record-high levels.

This, Paarlberg says, has led to "persistent reports that agriculture is not sharing in the (national) prosperity." Charging that critics of the Administration farm program have sought to create the illusion of a "statistical depression," Paarlberg proceeds to use his own statistics to prove that farmers "are doing as well as could be expected."

In explaining the current recession of farm prices, Doctor Paarlberg says "let us remember that the war and post war years were the best we ever had. They were years of good yields, high prices, and low costs, an unusual combination that never occurred previously, to a like degree, and may never occur again."

"This was a dream world, and no one expected it to last. Those were not normal years. Professional economists did not expect it to last; they warned farmers that the recent past was not the new normal.

"There is evidence that they (prices) may be somewhere near normal for modern day periods of peace-time full employment."

Precisely, the Paarlberg argument is that there actually is no farm recession; that farm prices are close to normal; that farmers should not expect as high incomes as city people.

Supporting the latter contention, Paarlberg notes that per capita income of farmers last year was \$918, in other words exactly half of the \$1,836 income per person of city people. He finds no fault with that situation.

Anyway, he doesn't like the idea of averaging farm income. Two million farmers who produce 88 percent of our farm products are doing very well, and the other 3.5 million are "so small and produce so little that their incomes from farming are always low, good times or bad."

If you are gloomy about farm conditions, says Paarlberg, just remember that we've always had a farm depression after every war. This one hasn't been as bad as some, so just be glad that it isn't any worse.

To those who are so inconsiderate as to point out that urban prosperity



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has zoomed to new high while farmers have felt the pinch, Doctor Paarlberg has this advice: "Had it not been for urban prosperity, the agricultural adjustment to peacetime conditions would have been far more painful." Agriculture, he says, should regard non-farm high wages, incomes and profits "with gratitude rather than with envy."

It is reasonable to assume, Paarlberg observes, that if the non-farm part of the national income goes on getting more and population getting 94 percent of the nation more prosperous that, eventually, this will "strengthen our markets and facilitate the adjustment to peacetime conditions."

Charges that the flexible price support program has added to farmers' difficulties annoy Doctor Paarlberg. Instead, he argues, it was the 90 percent supports that were responsible for the biggest portion of the decline.

"The Administration," he says, "has made prodigious efforts to bolster farm income. And these efforts have had considerable influence." Farm prices now average 84 percent of parity, compared with 92 percent when the Administration took over in 1953. Net farm income has gone down from \$14 billion in 1952 to an estimated \$11.5 billion this year.

All of this brings two questions to Doctor Paarlberg's mind: "Does this mean that declining farm income is going to pull all of us into a depression?" And "Does it mean that the Administration's farm program has failed?"

Those are the questions that will be debated in Congress next session, and which also are likely to play a dominant role in the 1956 election campaign. How farmers answer may have a bearing on the outcome of that election.

Much Water Evaporates

Evaporation removes an average of about 45 inches of water yearly from Mississippi stock ponds and reservoirs, studies by Mississippi Experiment Station indicate. Researchers point out that this fact should be taken in consideration in planning irrigation and stock water storage.

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Mechanical Cotton Pickers Discussed at Meetings

"Quality Harvesting with Mechanical Cotton Pickers" was the subject discussed at two meetings held in Kern County, California, on Aug. 22, reported George V. Ferry, farm advisor.

The topics discussed were:

Importance of cotton quality to farmers and the entire cotton industry—J. Ritchie Smith, head, educational services, National Cotton Council.

Quality preservation problems associated with mechanical pickers as related to pre-harvest practices and picker care and operation—Marvin Hoover, USDA Extension cotton specialist.

Quality ginning of machine-picked cotton—Alfred M. Pendleton, Extension agricultural engineer for cotton.

Classification of machine-harvested cotton—Garwin Fish, USDA cotton classing office.

Southern Weed Conference Will Be in New Orleans

The 1956 Southern Weed Conference will be held Jan. 16-18 at the Jung Hotel in New Orleans, Dr. Glenn C. Kingman, Raleigh, N. C., president, has announced.

Purpose of the meeting is to bring together all phases of weed control research and education in the southern part of the U.S.

Attending will be representatives from state experiment stations, USDA, extension services, the agricultural chemical and farm equipment industry, vocational agriculture and the farming industry.

Dr. Mark Weed, E. I. du Pont de Nemours & Co., c/o botany department, Louisiana State University, Baton Rouge, is the program committee chairman.

Officers include Dr. W. B. Albert, South Carolina Experiment Station, Clemson, S.C., vice president; and Dr. E. G. Rodgers, Florida Experiment Station, Gainesville, secretary-treasurer.

James B. Turner Killed

James B. Turner, Belzoni, Miss., son of Thomas Turner, ginner and farmer, was killed Aug. 18 when a truck in which he was riding collided with another truck. Three other boys were injured.

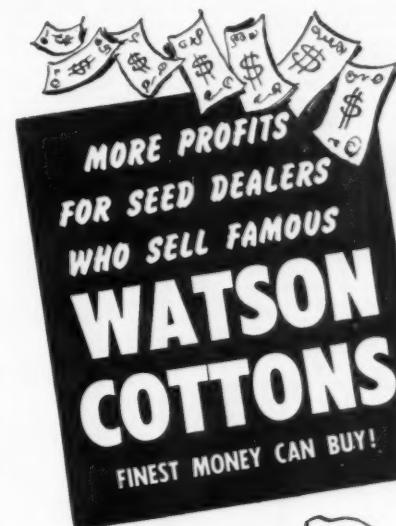
Soybean Associations Holding Meetings

Members of the National Soybean Processors' Association and of the American Soybean Association are holding their annual meetings Aug. 29-30-31 at the Netherlands Plaza Hotel in Cincinnati. The conventions open with the annual business meeting of the processors' group, on Monday, and is followed by meetings of the American Soybean Association on Tuesday and Wednesday. A report of the convention will appear in The Press on Sept. 10.

Irrigation Hikes Yield

Irrigation increased the cotton yield 182 pounds per acre in 1954 Mississippi tests in which the yield, without irrigation, was more than one bale per acre.

■ D. M. McEACHERN, formerly at Corpus Christi, has been promoted to assistant project leader in USDA's pink bollworm control project, with San Antonio as headquarters. B. C. STEPHENSON succeeds McEACHERN at Corpus Christi.



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FOR SALE—Anderson Super Duo expellers, each complete with 14" conditioner and 36" cooker; rolls, cookers, 176 and 141-saw Carver linters, all completely rebuilt. Butters milling machine. Double box linter press. Filter presses, attrition mills, 54" seed cleaner. No. 153 separating unit, No. 136 double hull beater. Sproles & Cook Machinery Co., 151 Leslie St., Telephone PR-5958, Dallas, Texas.

FOR SALE—Complete five (5) press (hydraulic) cottonseed oil mill.—Strader-Hughston Co., Route 7, Coit Road, Phone FOrrest 8-5883, Dallas, Texas.

OIL MILL EQUIPMENT FOR SALE—Rebuilt twin motor Anderson high speed expellers, French screw presses, stack cookers, meal coolers, fourteen inch conditioners, filter presses, oil screening tanks, complete modern prepressing or single press expeller mills.—Pittcock & Associates, Glen Riddle, Pa.

FOR SALE—Filter presses; screening tanks; single and twin motor Anderson Super Duo expellers, with conditioners; several extra 36" cooker dryers and conditioners. All steel linter baling presses; 141-176 saw linters; seed cleaners; No. 153 separating units; bar hullers; lint beaters; stack cookers; rolls; hydraulic press room equipment.—V. A. Lessor & Co., P. O. Box 108, Fort Worth, Texas.

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200	Sq. Cage	900	1481
150	Sq. Cage	900	1188
100	Slipring	1200	1076
100	Slipring	900	1189
100	Sq. Cage	1200	758
100	Sq. Cage	900	879
75	Sq. Cage	1800	490
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CAN now make prompt delivery of electric cotton samplers. Order yours immediately. Price \$145.—Bill Smith, Box 694, Phones 47847 and 49626, Abilene, Texas.

FOR SALE—Last call at these prices: 4-80 saw Lummus double moving gins with lint flue, \$1,350. 3-80 saw Murray stands 6" mote conveyor, \$600. 1-80 Hardwicke-Etter hot roll box stand, \$575. 1-80 Murray stand roll-dump, \$500. 4-80 Continental brush model 30 fronts with lint flue, \$800. One EJ late model trumper, \$800. One 4-80 Continental conveyor distributor, \$700. One 60" Continental late model condenser, \$700. One Murray steel-bound up-packing press, \$575. One Lummus 72" cleaning separator, \$375. 8-60" Mitchell Standard feeder-extractors flat belts, \$800. 4-66" Mitchell convertible feeder-extractors V-belts, \$900. One 160 H.P. Minneapolis-Moline gas engine, \$500. One 150 H.P. Le Roi 8 gas engine, \$1,500. One horizontal cotton press pump with 15 H.P. electric motor and drive, \$350.—Strader-Hughston Co., Route 7, Coit Road, Dallas, Phone FOrrest 8-5883.

FOR SALE OR TRADE—One 4-80 saw steel Lummus gin outfit with 6-cylinder natural gas M & M engine, less building and wagon scales, to be moved. Small cash down payment will handle, or will accept land or late model truck and trailer on trade. For appointment to inspect contact: R. B. Strickland & Co., Tel. Day: 2-8141, Night: 3-7929, Waco, Texas.

FOR SALE—Cotton gins, oil mills, compresses and grain elevators. Contact M. M. Phillips, Phone TE5 8555, P. O. Box 1288, Corpus Christi, Texas.

FOR SALE—Four 80 saw, 1949 Model F-8 Continental gins that are completely reconditioned.—Kimbell Gin, Earth, Texas.

FOR SALE—Five reconditioned Lummus Super Jets. Steel-bound Cen-Tennial press in good shape.—Thomas Barton, Dimmitt, Texas.

FOR SALE—Conveyor distributors: One 5-80 Lummus, one 5-70 Lummus, one 5-80 Mitchell. Bur machines: 2-10' steel Lummus with 5-cylinder built-in after cleaners in each. 1-14' wood Hardwicke-Etter with long and short by-pass conveyor. Lint cleaners: 5-80 Murray saw type, reconditioned, like new. One 80-saw Continental, 8-80 loose roll ABDC Cen-Tennials, 4-80 DC model C brush Continentals. Huller-feeders: 5-70 Lummus MEF, one flat belt Super Mitchell, 4-60 and 4-70 flat belt Standard Mitchells. Cleaners: One 6-cylinder Continental airline, like new. Two 5-cylinder 52" V-drive Murray inclines, like new. Two 4-cylinder incline Continentals. Separators: One Stacy, 1-48" Lummus, 1-70" Lummus, 1-52" Gullett. Condensers: 1-60" Continental, side-discharge, 1-72", side-discharge. 1-70" Lummus, up-discharge. Presses: One steel-bound Murray, one steel-bound Gullett. Driers: One Murray Big Reel, 5-80 Mitchells with fans and burner. Fans: One double 45" Lummus, one double 30" Lummus. Several singles 40" and 45". Pumps: One Lummus, one Continental, one Murray. Seed lifts: 1-12" rotary, one steel-cased bucket. Also shafting, sheaves, split pulleys, conveyors, ball bearing floor stands, BB hangers.—Bill Smith, P. O. Box 694, Phones: 47847 and 49626, Abilene, Texas.

GINNERS—When in need of new, used or reconditioned cotton gin machinery or supplies or when you have such machinery or equipment for sale or trade, contact: R. B. Strickland & Company, Waco, Texas. Tel. Day: 2-8141, Night: 3-7929.

Equipment Wanted

WANTED—One up-packing single box baling press.—Roddie & Co., Brady, Texas.

WANTED—Good used 200 h.p. natural gas power unit. Prefer Le Roi model H2000.—W. Caplis, Box 1312, Shreveport, La.

WANTED—All types of meal coolers, dehydrating drums and hammermills 150 h.p. and up.—Box MM, c/o The Cotton Gin and Oil Mill Press, P. O. Box 7985, Dallas, Texas.

WANTED—One set seed scales and two rotor lifts.—Thomas Barton, Dimmitt, Texas.

WANTED—One up-packing single box baling press. Box 1642, Dallas, Texas.

Personnel Ads

WANTED—Southeastern oil mill wants a superintendent. Must be capable, sober, and steady worker. Apply giving experience, age and references.—Box PH, c/o The Cotton Gin and Oil Mill Press, P. O. Box 7985, Dallas, Texas.

WANTED—Two ginners to start repairing, and finish the season ginning. Job year around if suitable.—J. M. Tindall, Twitty, Texas.

WANTED—Bookkeeper between 30 and 45 years old. Must be willing to help repair during dormant season.—Box MF, c/o The Cotton Gin and Oil Mill Press, P. O. Box 7985, Dallas, Texas.

WANTED—Responsible salesman, thoroughly acquainted with cotton gin operation, to sell Automatic Gas Furnaces for cotton dryers.—Faucher Control Co., P. O. Box 166, Arlington, Texas.

WANTED—Experienced ginner for Murray gins. State experience and salary expected.—Box SD, c/o The Cotton Gin and Oil Mill Press, P. O. Box 7985, Dallas, Texas.

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FOR SALE—New and rebuilt Minneapolis-Moline engines, from 35 h.p. to 220 h.p., call us day or night for parts and service.—Fort Worth Machinery Co., 913 E. Berry St., Fort Worth, Texas.

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FOR SALE—Electric motors, 440 volt, 3-phase: 1-20, 4-40s, 3-50, 2-75s, 1-100, 1-125, 2-150s, 1-200, and 1-75, 2300 volt. All motors with starting equipment. Engines: 1-340 h.p. twin General Motors. 1-210 h.p. butane and natural gas Minneapolis-Moline. 1-25 h.p. vertical boiler.—Bill Smith, P. O. Box 694, Phones: 47847 and 49626, Abilene, Texas.

FOR SALE—Two John Deere No. 8 cotton pickers. 1951 production. Excellent condition. Picked approximately 1200 bales each.—Albert E. Carter, Bill Carter Farms Co., 1310 Orchard Lane, Carlsbad, New Mexico.

FOR SALE—McIntosh Seymour diesel engine, 600 H.P., 6-cylinder. Complete with rope drive, sheave and takeup. Engine been maintained in good order. Operated the past season. Priced right.—Fidelity Products Mill, P. O. Box 1189, Houston, Texas.

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C. E. GARNER, secretary of the Valley Oilseed Processors' Association, Memphis, has spent the greater part of his life in the cottonseed oil mill business. A native of Grenada, Miss., Garner began oil mill work as a yard foreman with the old American Cotton Oil Co. He advanced through several administrative positions to become manager of the mill at Bunkie, La. In succeeding years, Garner managed American mills in Arkansas, Louisiana, Mississippi and Tennessee.

After liquidation of the American Cotton Oil Co., Garner was associated with several oil mill interests and with a group of cotton gins in the Mississippi Valley area. When the mills in Arkansas, Tennessee, Missouri and Illinois formed the old Valley Division of the National Cottonseed Products Association, he was elected secretary. In that capacity, one of his principal responsibilities was to assist in the promotion of a scientific method of cottonseed grading, which was pioneered by the Valley group.

When it was decided that NCPA would no longer operate on a divisional basis, mills in the area formed the Valley Oilseed Processors' Association and elected Garner as secretary, a post he has held continuously.

Among a number of accomplishments, Garner has to a large extent been responsible for the success of the annual Cottonseed Processing Clinic which the Valley Association sponsors jointly with the Southern Regional Research Laboratory of USDA at New Orleans.

Garner also serves as secretary of the Society of The Old Guard, an honorary organization of members of the oil mill industry. He is a member of Rotary, Memphis Agricultural Club and the Tennessee 4-H Club Foundation.

Textile Groups To Meet

National Association of Cotton Manufacturers and Northern Textile Association will hold their annual meeting Sept. 29-30 at Portsmouth, N.H.

Governor Lane Dwinell of New Hampshire; Hugh Gregg, president, New England Council; and Harry Stuhldreher of U.S. Steel Corp. will be among the speakers.

Oklahoma Cotton Tours Are Sept. 6-9, 20-22

This year's tour of Experiment Station cotton variety tests and breeding plots will include tours of eastern Oklahoma Sept. 6-9, and western Oklahoma Sept. 20-22.

In presenting the outline of the two tours, Dr. John Green, Oklahoma A. & M. College cotton specialist, said the following would be included on Tuesday: Austin Livesay farm, Broken Arrow; E. L. Crude farm, Webbers Falls; Experiment Station visits near Perkins and Paradise. Stops on Wednesday will be made at the J. H. Joines farm, Caddo; Noble Foundation Blackland farm, Madill, and the Sandy Land farm, Lone Grove.

The group will attend a Cotton Mech-

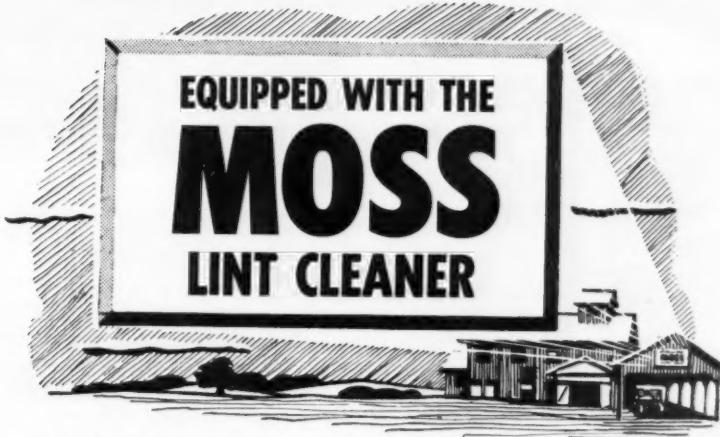
anization Conference demonstration at Temple, Texas, Sept. 9.

The western swing of the tour will begin on Sept. 20 on the Cotton Research Station, Chickasha. From there it will proceed to the Galen Briggs farm, Davidson; and the Lockett Seed Farm, Vernon, Texas.

The Cotton Substation, Tipton, will be the first stop on Wednesday's program. Visits also are scheduled at the J. W. Haney farm; the Experiment Station near Altus, where irrigated cotton will be viewed; the Leroy Bridge and E. V. Hawkins farms, Hollis.

Thursday's program will include the Sandy Land Research Station, Mangum; Bryan Gentry farm, Hobart; and will conclude with observations of tests on the Dale McClain farm, Elk City; the Carroll Smith farm, Sickles; and the Experiment Station cotton research work at Pocasset.

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Georgia Plans Textile Training Program

The demand for textile school graduates is greater than the supply in Georgia's largest industry.

T. M. Forbes, secretary of The Textile Education Foundation, Inc., a non-profit institution supported by Georgia textile mills has disclosed a long-range plan through which the Georgia Institute of Technology will be better able to train needed personnel. The cooperation of textile mills over the state has been utilized in encouraging men in their communities to study textile engineering. Last year 40 mills participated, and more are expected to join in the next few months.

The program as outlined by Forbes will include the following:

1. Part-time mill employment under a cooperative plan.
2. Supplying movies about the industry for use in high schools.
3. Presentation of factual information about the work to high school students.
4. Financial aid to local schools.
5. Establishment of more textile scholarships.

Studies show that no other industry promotes qualified young men more rapidly than does the textile industry. The average age of top executives in this field is considerably lower than in the majority of businesses in the U.S., Forbes says.

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Superintendents Plan June 3-6 Meeting

June 3-6 have been chosen as the dates for the annual convention of the International Oil Mill Superintendents' Association. The convention will be held at the Plaza Hotel in San Antonio, H. E. Wilson, Wharton, Texas, secretary-treasurer, has announced.

Cotton Maid Contest Being Held in Southern Style

Plans for the Georgia Maid of Cotton contest, to be held Sept. 2-3 at Griffin have been completed, reported Tom Murray, secretary-treasurer of the state committee, and executive vice-president of Georgia Cotton Ginnery Association.

The Griffin High Field House will be turned into an old style Southern plantation home with Spanish moss hanging from the ceiling and flood lights spotlighting the decorations.

Registration will be held on the morning of Sept. 2, at the Spalding Hotel headquarters and, private interviews of the contestants will be held Sept. 3.

On Friday, Sept. 2, there will be a luncheon for the judges and contestants; the afternoon plans include a cotton picking contest to be followed by a barbecue. The climax of the two-day event will be Saturday afternoon's parade and the reception and Cotton Maid Ball that night.

The winner of the contest will serve as Georgia's Maid of Cotton during the next 12 months and will be the state's entry in the national contest to be held at Memphis under sponsorship of the National Cotton Council and other groups.

Fourth of Cotton Pickers In Lower Valley Area

More than one-fourth of the cotton picking machines in Texas are owned in Hidalgo, Willacy and Cameron Counties of the Lower Rio Grande Valley, Texas Employment Commission estimates.

The survey showed that Texas farmers own 1,072 picking machines. Of these 299 are in the three Valley counties. Hidalgo has 101, Willacy 50; and Cameron 78.

Machines were found in 67 of the state's 254 counties.

Fort Bend County counted the largest number with 114, followed with Wharton having 110 and Hidalgo with 101.

Fourteen counties showed only one machine each.

Article on Memphis Board

Memphis Board of Trade operations were discussed in a feature article on Aug. 14 in the Memphis Commercial Appeal. "Their Trading Saves You Money" was the title of the story, which was illustrated with a number of Board scenes and pictures of Ed Jappe, head of the Clearing Association; Dixon Jordan, president of the Board of Trade; and LeRoy Gaston, president of the Hay and Grain Association.



Models Cotton Suit

WILMER SMITH, Texas ginner and president of Plains Cooperative Oil Mill, Lubbock, is shown as he models a cotton suit. A cotton style show was a feature of the cooperative's annual meeting.

National Watershed Congress To Meet

Final plans for a second National Watershed Congress to highlight the merits of upstream flood prevention through soil and water conservation, forestry, and small dams, have been completed in St. Louis by representatives of agriculture, industry, labor and government.

When the Congress meets in Washington, on Dec. 5-6, the subject to be covered will include soil and water conservation, forest and range protection and management, reclamation, drainage, municipal and industrial water supplies, flood prevention, wildlife betterment, and stream pollution.

Texas Crushers Will Meet in Dallas

Texas Cottonseed Crushers' Association will hold its annual convention June 10-12 at the Statler-Hilton Hotel in Dallas. Plans for the meeting were announced by Secretary-Treasurer Jack Whetstone following the meeting of the board of directors and committees in Dallas on Aug. 15.

Sliding Scale Supports Advocated for Cotton

Sliding scale supports for cotton are advocated by Congressman Harlan Hagen of California, member of the House agricultural committee.

Under Hagen's proposal premium grades would receive the highest supports, with lower grades getting decreasingly smaller amounts of support.

"California raises high quality cotton," Hagen said, "and we can sell all we raise. Our problem is to get rid of the surplus, which limits how much we can grow. Every year we slip back because our best years are not included in the history. It looks like this may continue, for apparently there are several more quota years ahead."

"We can grow top grade cotton more

cheaply than most other areas, and we should support lower parity for cheaper grades. I hope the Farm Bureaus, the Granges, and other groups in California will discuss this and then support a joint policy."

• Council To Dedicate Building Oct. 19

FORMAL DEDICATION ceremonies for the new Oscar Johnston Cotton Foundation Building, which now is headquarters for the National Cotton Council staff, will be held at 2:30 p.m. on Oct. 19, the Council has announced. Complete plans will be announced later.

A photograph and description of the new building appeared in The Press on July 30. It is located at 1918 North Parkway in Memphis.

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Progress of the Crop

COTTON made fairly satisfactory progress over the Belt as a whole during the past two weeks, but most observers felt that the condition and outlook for the crop were somewhat less favorable than at the beginning of the period. Part of this was due to locally heavy rains, boll rot and excessive shedding, while other areas suffered more from the increasing weevil infestation.

Picking and ginning are active over much of the Belt, and should be in full swing by the first week of September in all but the latest areas. A number of areas report that yields are proving somewhat less than had been anticipated, but most localities find prospects the best in many years.

Except for the boll weevil, insects have not been injurious on a large scale in most states.

ALABAMA has had two weeks of generally favorable weather, although soils were somewhat too dry in the southern part. Cotton picking is in full swing over most of the state. Farmers were busy poisoning against the increasing weevil infestation in northern counties.

Too much rain has hurt ARIZONA cotton. Progress has been slow, vegetative growth excessive and insect and disease damage has been increased by the rainfall and below normal temperatures. Bollworms have been the worst pest in most areas, but there were complaints also of lygus, spider mites, stink bugs and other pests.

ARKANSAS soil moisture was depleted but still adequate in most localities. Early cotton was opening with some ginning under way, but most of the crop still was fruiting. Weevils increased as did spider mites, but bollworm and aphid infestations have been light. Weather favored control measures.

Cotton in CALIFORNIA was helped by the warm weather during the last two weeks, enabling the crop to overcome some of its previous lateness. San Joaquin, Imperial, Borrego and Palo Verde areas all reported satisfactory to good growth, with some fields reaching maturity.

Light, scattered rainfall and normal temperatures have been generally favorable for GEORGIA cotton. Cotton picking has become active. Weevils have been increasing but control measures were favored by the weather.

Drier weather in LOUISIANA helped reduce the shedding and rotting of bolls which had been prevalent among the rank plants. Weather developments the latter part of the period also aided weevil control measures. Opening of bolls and picking were increasing.

MISSISSIPPI cotton needed the drier weather of the past two weeks. It reduced or halted the shedding and rotting of bolls in most localities and made

poisoning more effective. Cotton was opening in central counties as picking made good progress in southern parts.

The weather in MISSOURI has been too hot and dry for most crops, and cotton began to suffer during the past week. Previously, cotton had made fair to good progress and some growers expect the best yield in several years.

Cotton in NEW MEXICO probably would benefit from warmer weather, but the crop looks good in most localities. Most of the state had good August rains which helped livestock and crop conditions. Active poisoning has been required to check cotton pests.

NORTH CAROLINA's cotton declined somewhat during the past two weeks. There was some damage to the crop from the hurricanes, but more from injury from the rising infestation by weevils. Yields may prove lower than was expected earlier. Many growers complain of boll rot.

Cotton looks good in OKLAHOMA and progress generally was favorable the past two weeks. Western areas are beginning to want rain, though, and late cotton will need rain to make. Plants have been fruiting satisfactorily, with about the usual amount of shedding. Weevil and bollworm damage has been spotted, but the threat of weevil damage is increasing.

Weevils and boll rot hurt SOUTH CAROLINA cotton the past two weeks and there was spotted loss from the hurricanes, but the crop's progress was fair for the state as a whole. Ginning was under way over much of the state.

TENNESSEE cotton made satisfactory to good progress, with plants setting bolls well.

Progress of TEXAS cotton has been generally satisfactory, but prospects and condition of the crop declined in some areas during the past two weeks. Rains are needed in a number of dryland areas, including the High Plains, which com-

plained of excessive shedding; but irrigated crops there and elsewhere made excellent progress. Harvesting and ginning are in full swing over much of the state, and nearing completion in the extreme South.

Heavy weevil infestations damaged younger cotton in the eastern half of the state, but bollworm activity appeared to be abating at the end of the period. There was spotted damage from other insects.

Gin trash inspections showed light to moderate increase in pink bollworm infestations, as compared with 1954, in Willacy, Brooks, Jim Wells, Kleberg, Live Oak, Nueces and San Patricio Counties. Hidalgo, Starr and Calhoun showed fewer pink bollworms. The importance of early stalk destruction was being stressed to curtail this pest and the weevil next season.

• Wilt Is Extensive

In Roswell Area

VERTICILLIUM WILT has attacked about two-thirds of the 32,000 acres planted to cotton in Chaves County, New Mexico, according to an estimate by A. W. Woodburn, County Agent, Roswell.

He says that the infestation is spotty—ranging from light to severe.

Weather during the latter part of August and early September will be a major factor in determining the extent of damage from the wilt organism, Woodburn believes. He says that this is the worst outbreak ever experienced in the area.

Presenting

Mrs. M. U. Hogue

Raleigh, N. C.



MRS. M. U. HOGUE, Raleigh, N.C., has been secretary-treasurer of North Carolina Cottonseed Crushers' Association since 1935. She was raised and educated in Raleigh and became associated with the International Vegetable Oil Co. mill in Raleigh in 1917. When the mill was sold in 1927, she remained with the International firm as cashier for its North Carolina gin operations. During 1930 Mrs. Hogue became connected with the North Carolina Cottonseed Crushers' Association and in 1935 she was promoted to the position which she has held since.

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The
GINNER'S PAGE

office and yard supplies
METAL BALE TAGS



STYLE B This is the Lowndes "Standard" metal tag, shown in exact size. Available in Red, Blue, Green, Gold. This tag wraps around the bale tie.



STYLE A This is the Ennis "Duo" debossed metal tag in exact size. Available in Red, Blue, Green, Gold, Black.



STYLE C This is the Ennis "Stamped" metal tag in exact size. Available in Red, Blue, Green, Gold, Black.

QUANTITY	STYLE A	STYLE B	STYLE C	STYLE D	STYLE E
500	\$12.65	\$11.25	\$12.00	\$10.25	\$12.65
1000	20.65	20.75	19.95	18.50	20.65
2000	Per M	19.65	20.25	19.00	18.00
3000	"	19.30	20.00	18.65	17.50
5000	"	18.65	19.50	18.00	16.00
10000	"	17.65	19.25	17.00	15.75
20000	"	16.95	19.00	16.30	15.50
50000	"	16.60	19.00	15.95	15.50
Over 50M	"	15.95	19.00	15.30	15.50



STYLE D This is the Lowndes "Slotted" metal tag, shown in exact size. Available in Red, Blue, Green, Gold.



STYLE E This is the "Denman" metal tag, shown in actual size. Available in Red, Blue, Green, Black or Plain Galvanized Steel.

WE CAN ALSO FURNISH: Paper Bale Tags • Gin Tickets • Checks • Ledgers • Marking Ink • Knives
Cotton Hooks • Pencils • Payroll Forms • Letterheads • Printed Forms of All Kinds

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• Carolina Gin Is Using Automatic Sampler

INSTALLATION in the Middle Atlantic area of an automatic lint cotton sampler developed in its Stoneville, Miss., Cotton Laboratory, is announced by USDA. The sampler has been installed for commercial use in a Red Springs, N.C., gin.

The mechanical sampler extracts, accumulates, presses, and packages a consecutive series of portions of lint cotton taken from the lint flue during the ginning of a bale. Eight to 10 of these portions of lint comprise the packaged sample. The completed sample, weighing 12 to 16 ounces, is packaged in a paper wrapper. The wrapped sample is approximately 18 inches long. Duplicate samples of a size and type favorable to accurate classification are obtained by dividing the sample into two equal parts with a sharp knife.

Researchers see these principal advantages in the automatic sampler:

1. It produces a sample representative of cotton throughout the bale, not just of a relatively thin outer portion of each side of the bale.

2. There is less mutilation of the bale covering, resulting in a more attractive and salable product.

3. The sample is obtained and packaged at reduced labor cost.

The Department has had this automatic sampler under commercial test for some time at Gilbert, Ariz., and Buttonwillow, Calif. Operators there have sampled around 50,000 bales. Early this year a McFarland, Calif., gin in-

stalled the first automatic sampler purchased for commercial use. Since then, 22 more machines have been reported on order for California.

Mechanical requirements of installation of the sampler at gins can generally be met without difficulty. Researchers hope that the apparatus will eventually prove adaptable to most of the several different types of marketing operations throughout the Cotton Belt.

The Department said the Agricultural Marketing Service will conduct studies of the Red Springs installation. It expects these studies will indicate the extent to which the use of such a sampler and of mechanically drawn samples affects costs and practices of cotton ginners, merchants, warehousemen, and spinners in many of the important Middle Atlantic markets.

• Weight Penalties Called Illegal

BALE WEIGHT PENALTIES have been declared illegal by Attorney General T. C. Callison of South Carolina, according to Clifford H. Hardy, executive secretary, Carolinas Ginner's Association.

Hardy adds that Georgia has a similar law. After quoting provisions of the South Carolina legislation, Hardy says, "It is my opinion that no organization can fix penalties which conflict with provisions of the statute. No penalties are prescribed by the statute except for bales of cotton weighing less than 300 pounds."

• Chemical Finishing Meeting Planned

PLANS for the fourth annual Chemical Finishing Conference have been announced by its sponsor, the National Cotton Council. It will be held Sept. 20-21 at Chalfonte-Haddon Hall in Atlantic City, N.J.

The annual convention of the American Association of Textile Chemists and Colorists will be held at the same hotel on the next three days and is expected to attract many of the finishing conference registrants.

More than 200 representatives of the cotton manufacturing, chemical, and finishing industries will gather at the conference to discuss latest advancements in the application of chemistry to cotton.

Dr. John H. Dillon, director of the Textile Research Institute, Princeton, N.J., will be general chairman of the finishing conference.

20 Million Pounds of Tung Oil Imported

Based on the U.S. imports of tung oil from Argentina from November, 1954, to May, 1955, of 18.1 million pounds, plus Argentina's 2.3 million pounds exports from May to July, the U.S. imports through August may total about 20.4 million pounds. This figure represents 94 percent of the 21.8 million pounds quota that may enter the U.S. during the marketing year ending Oct. 31, 1955, according to USDA.



How Kemgas Statifier Cuts Costs And Boosts Gin Production

Low Voltage Flap Control Faithfully Operates New Statifier

As long as the condenser delivers cotton to the slide, the Statifier responds with its controlled mist. Breaks or gaps in the batt release the control flap which automatically stops the mist. Very little water is needed for a 500-pound bale because a special MOYST wetting agent is used in the Statifier. This permits the slight moisture used to uniformly penetrate all of the cotton in the bale. Only one quart of this wetting agent is used in 100 gallons of water, costing between 1 and 2 cents per bale.

Write, Wire or Phone For Details Today!

Uniform Penetration With MOYST Agent

Experienced ginners everywhere know the advantages of moisture in baling cotton. It makes pressing simpler. It enables the press crew to keep up with the production of the largest gins. Losses from broken ties are practically eliminated and press repairs are at a minimum. Adding controlled moisture no longer a problem. The Kemgas Statifier sprays an automatically controlled mist of "wet water" ... 8 pounds or less to the 500-pound bale. The instant the batt of cotton comes from the condenser it tilts a metal control flap mounted across the lint slide closing a mercury switch that starts and controls the gentle mist spray over the batt.

The mist control systems operate by a 24-volt unit which complies with NEC requirements. 100-gal. tank is of heavy, 18-gauge, galvanized steel. The pressure pump is of bronze and stainless steel.

Available in 4 Automatically Controlled Models



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Pretested for uniform strength

Makes cleaner, stronger bales

"Built to Stand the Pressure"



BELTON BAGGING CO.

Belton, South Carolina

Dalton Gandy Is Honored By Extension Service

Dalton E. Gandy, NCPA Educational Service fieldman, was honored by the Louisiana State University Extension Service for "unselfish and continuous cooperation in furthering agricultural programs in Louisiana" at the University's Farm and Home Week on Aug. 11.

Gandy, who has been a member of the



DALTON E. GANDY

Educational Service staff for eight years, is a former Louisiana County Agent and a graduate of LSU. As a county agent he initiated many crop and livestock improvement programs in his parish. Since becoming associated with the cottonseed crushing industry he has maintained his interest and has increased his contribution to these programs for the mutual benefit of agricultural producers and cotton oil mills.

"We are delighted to learn of this fine recognition of Gandy's work," said Educational Director A. L. Ward. "Close cooperation between members of our Educational Service staff and the agricultural agencies within their territories makes it possible for us to assist in the worthwhile work they are doing and increases our own effectiveness in stimulating activities of vital importance to our industry."

• Louisiana Crushers Elect H. L. Taylor

H. L. TAYLOR, Southland Cotton Oil Co. Division of Anderson, Clayton & Co., Shreveport, was elected president of Louisiana Cottonseed Crushers' Association Aug. 13 at the annual meeting at the Roosevelt Hotel in New Orleans.

Roy Blaine, Caddo-DeSoto Cotton Oil Co., Shreveport, was named vice-president.

Elected to the board of directors were J. P. Barnett, Jr., Opelousas Oil Mill, Opelousas; W. P. Hayne, Independent Oil Mill, Alexandria, the retiring president; Jules Cazayoux, Jr., Southern Cotton Oil Co., New Roads; Lamar Taylor, Arcadia Cotton Oil Co., Arcadia; and F. T. Mikell, Union Oil Co., Bunkie.

J. R. Mays, Jr., Barrow-Agee Laboratories, Memphis, discussed industry developments at the meeting.

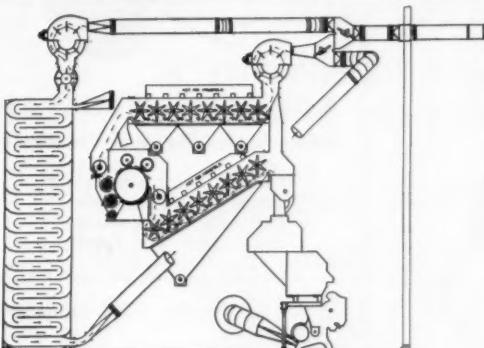
Cotton Carnival Adjusts Conflict With Opera

The Memphis Cotton Carnival, annually held the second week in May will, next year, be from Tuesday, May 15 through Saturday, May 19, says George Webb, 1956 president of the

Memphis Cotton Carnival Association.

The third week in May was selected to avoid conflict with the unalterable May 9-10 schedule of the Metropolitan Opera Company.

Webb also said the Royal American Shows have confirmed they can operate the Front Street midway on those dates.



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Mechanization Conference

(Continued from Page 8)

B. Nutt, Clemson, director, South Carolina Extension Service.

"Problems and Opportunities — Physical and Biological Aspects," will be the subject for Dr. J. R. Johnson, Amarillo, Texas, area supervisor, soil and water conservation branch, ARS-USDA.

"Problems and Opportunities — Economic Aspects," will be the topic for Dr. Grady B. Crowe, Stoneville, Miss., agricultural economist, production economics research branch, USDA.

There will be a recess following the panel discussion.

"Cotton Quality Preservation—A Fast Growing Problem That Must Be Solved," will be discussed by J. Ritchie Smith, Memphis, head, educational services, division of production and marketing of the Council.

S. P. Lyle, Washington, assistant director, division of agricultural programs, USDA Extension Service, will be the next speaker. His subject is "Skill in Mechanical Harvesting and Ginning Required to Preserve Cotton Quality."

A. L. Vandergriff, Columbus, Ga., will discuss the subject, "Gin Manufacturers Face Quality Preservation Problems." Vandergriff is vice-president, in charge of engineering, for Lummus Cotton Gin Co.

• **Afternoon Session** — G. G. Gibson, Texas Extension Service director, is scheduled to preside after lunch.

"Influence of Planting Methods and Spacing on Production and Harvesting Efficiencies" will be the subject for the first talk at this session. H. F. Miller, Beltsville, Md., farm machinery section, agricultural engineering research branch, ARS-USDA, will be the speaker.

Dr. R. D. Lewis, director, Texas Experiment Station, will talk on mechanical equipment needs for insect control.

The remainder of the afternoon will be devoted to a tour of nearby cotton research facilities and demonstration of experimental equipment, with H. P. Smith in charge.

• **Banquet** — A banquet is planned at 7:30 p.m., with Dr. Kenneth McFarland, Topeka, Kans., as the guest speaker. He is educational consultant and lecturer for General Motors.

Burris C. Jackson, Hillsboro, Texas, a director of the Council and chairman of the Statewide Cotton Committee of Texas, will be toastmaster at the banquet.

Friday, Sept. 9

Friday's tour from College Station will start at 8:30 a.m. It will go from College Station through the Blacklands to Lankhart Seed Farm and the Temple Experiment Station. J. E. Roberts, farm service manager, Texas A. & M. College, will be in charge.

Lankhart Seed Farm will be host for lunch at noon.

A mechanized demonstration will be presented at the Temple Station at 2:30 p.m. It will feature defoliation, desiccation and stripper-type harvesting. Dr. E. D. Cook, agronomist at the Station, will be in charge.

The conference will adjourn at 4 p.m.

■ G. N. IRISH, Muskogee Cotton Oil Co., expects a bumper cotton crop this season in that part of Oklahoma. Muskogee County may make a \$5 million crop from 20,000 acres.

• Cotton Week Dates To Be May 14-19

DATES for National Cotton Week in 1956 will be May 14-19, the National Cotton Council has announced. It will be the twenty-sixth annual observance of the week.

Plans are now being developed for a national merchandising and publicity campaign to be closely coordinated with the promotions of local Cotton Week committees in trading areas across the country.

An estimated 16,000 stores throughout the nation participated in the 1955 observance.

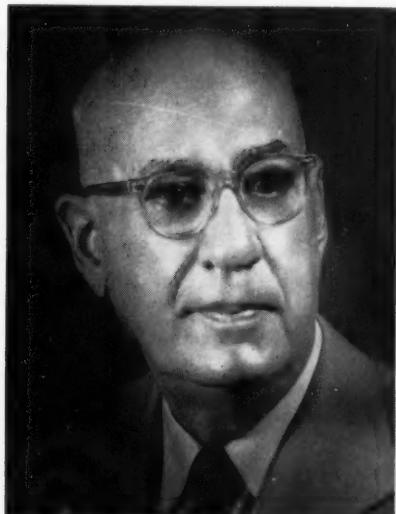
Kansas State College Mill Is Completed

Dr. John A. Shellenberger, head of the Kansas State College department of flour and feed milling industries, has announced the completion of the pilot plant formula feed mill of the Manhattan school.

Doctor Shellenberger credited cash contributions from firms, cooperation from suppliers of machinery and parts, and the contribution of installation supervision with the early opening of the plant.

Students will now have a chance to work with flow procedures typical of the average and most modern plants.

The announcement of the completion of the mill followed a meeting and plant tour by the industry advisory public relations committee, headed by J. D. Sykes, Ralston Purina Co., St. Louis. The committee planned the formal dedication to be held Nov. 10. The plant will be in operation at the start of the fall semester.



Retiring on Sept. 1

GRIFFIN TATUM, JR., Montgomery, Ala., is retiring Sept. 1 as manager for Southern Cotton Oil Co. after 53 years with the firm. As previously announced in The Press, T. H. Golsom succeeds him. Tatum has served the industry in many positions of leadership, including the chairmanship of the board of directors of the Alabama-Florida Cottonseed Products Association. A native of Montgomery, he has been manager of the mill there since 1928.

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(NOTE: Generally, cottonseed oil mill listings in the United States show officers, addresses, equipment and rail location. Many of the other vegetable oil mill listings in the United States, Canada and Latin America also give this information.)

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3116 Commerce

P. O. Box 7985

Dallas, Texas

CALENDAR

Conventions	Meetings	Events				
12	13	14	15	16	17	18

- Aug. 29-30-31—National Soybean Processors' Association and American Soybean Association combined conventions Netherlands Plaza Hotel, Cincinnati. George M. Strayer, Strayer Farms, Hudson, Iowa, executive vice-president and secretary-treasurer, American Association; R. G. Houghtlin, Board of Trade Building, Chicago, president, National Processors.
- Sept. 7-8-9—Beltwide Cotton Mechanization Conference, Texas A. & M. College, College Station, Texas, and Blackland Experiment Station, Temple, Texas. For information write National Cotton Council, P. O. Box 9905, Memphis 12.
- Dec. 15-16—Cotton Production Conference sponsored by National Cotton Council. Hotel Peabody, Memphis. For information, write National Cotton Council, P. O. Box 9905, Memphis 12.

1956

- Jan. 16-18—Southern Weed Conference. Hotel Jung, New Orleans. Dr. E. G. Rodgers, Florida Experiment Station, Gainesville, secretary-treasurer.
- Jan. 19-21—Texas Cotton Ginnery Association Directors and Allied Industries Meeting. Corpus Christi, Texas. Ed H. Bush, 3724 Race Street, Dallas, executive vice-president.
- Jan. 30-31—National Cotton Council annual meeting. Biloxi, Miss. For information, write National Cotton Council, P. O. Box 9905, Memphis 12.
- Feb. 5-7—Texas Cooperative Ginnery Association, Texas Federation of Cooperatives and Houston Bank for Cooperatives joint annual convention, Austin, Texas. For information, write Bruno E. Schroeder, 307 Nash Building, Austin, executive secretary.

• Feb. 14-15—Southeastern Gin Suppliers' Exhibit. Biltmore Hotel, Atlanta. Sponsored by Alabama-Florida Cotton Ginnery Association, Carolinas Cotton Ginnery Association and Georgia Cotton Ginnery Association. For exhibit information, write Tom Murray, Room 714, Henry Grady Building, 26 Cain Street, NW, Atlanta, or Clifford H. Hardy, P. O. Box 512, Bennettsville, S.C. Concurrent with annual conventions of Alabama-Florida, Carolinas and Georgia ginnery associations.

• Feb. 14-15—Alabama-Florida Cotton Ginnery Association convention. Biltmore Hotel, Atlanta. For information, write Tom Murray, executive vice-president, Room 714, Henry Grady Building, 26 Cain Street, NW, Atlanta. Concurrent with Southeastern Gin Suppliers' Exhibit.

• Feb. 14-15—Carolinas Ginnery Association annual convention. Biltmore Hotel, Atlanta. For information, write Clifford H. Hardy, 400 Broad Street, Bennettsville, S.C., executive secretary-treasurer. Concurrent with Southeastern Gin Suppliers' Exhibit.

• Feb. 14-15—Georgia Cotton Ginnery Association annual convention. Biltmore Hotel, Atlanta. For information, write Tom Murray, executive vice-president, Room 714, Henry Grady Building, 26 Cain Street, NW, Atlanta. Concurrent with Southeastern Gin Suppliers' Exhibit.

• March 12-13—Cottonseed Processing Research Clinic. Southern Regional Research Laboratory, New Orleans. Sponsored by Valley Oilseed Processors' Association and USDA. C. E. Garner, 1024 Exchange Building, Memphis, Association secretary.

• March 12-14—Midsouth Gin Supply Exhibit. Midsouth Fairgrounds, Memphis. For information, write W. Kemper Bruton, P. O. Box 345, Blytheville, Ark. Arkansas-Missouri, Louisiana-Mississippi and Tennessee ginnery associations sponsor the exhibit and will hold their annual convention concurrently with it.

• March 12-14—Arkansas-Missouri Cotton Ginnery Association annual convention. Memphis. W. Kemper Bruton, P. O. Box 345, Blytheville, Ark., executive vice-president. Concurrent with Midsouth Gin Supply Exhibit.

• March 12-14—Louisiana-Mississippi Cotton Ginnery Association annual convention. Memphis. Gordon W. Marks, P. O. Box 1757, Jackson, Miss., secretary. Concurrent with Midsouth Gin Supply Exhibit.

• March 12-14—Tennessee Cotton Ginnery Association annual convention. Memphis. W. T. Pigott, Milan, Tenn., secretary-treasurer. Concurrent with Midsouth Gin Supply Exhibit.

• March 18-21—National Peanut Council annual convention. Jung Hotel, New Orleans. For information, write National Peanut Council, DuPont Circle Building, Washington, D.C.

• March 25 or 26—National Cotton Ginnery Association annual meeting. Dallas, Texas. Clifford H. Hardy, Bennettsville, S.C., executive secretary. Will be held in conjunction with Texas Cotton Ginnery Association annual convention.

• March 26-27-28—Texas Cotton Ginnery Association annual convention. State Fair Grounds, Dallas, Texas. Ed H. Bush, 3724 Race Street, Dallas, executive vice-president. For exhibit space, write R. Haughton, president, Gin Machinery & Supply Association, Inc., 3116 Commerce Street (P. O. Box 7985), Dallas.

• April 9-10—Valley Oilseed Processors' Association annual meeting. Buena Vista Hotel, Biloxi, Miss. C. E. Garner, 1024 Exchange Building, Memphis, secretary.

• April 12-13—National Cotton Compress and Cotton Warehouse Association annual convention. Galvez Hotel, Galveston, Texas. John H. Todd, 1085 Shrine Building, Memphis, Tenn., executive vice-president.

• April 22-25—American Oil Chemists' Society spring meeting. Shamrock Hotel, Houston. For information, write Society headquarters, 35 East Wacker Drive, Chicago.

• May 21-22—National Cottonseed Products Association convention. Statler Hilton Hotel, Dallas. John F. Moloney, 19 S. Cleveland Street, Memphis 4, secretary-treasurer.

• June 3-6—National Oil Mill Superintendents' Association annual convention. Plaza Hotel, San Antonio, Texas. H. E. Wilson, P. O. Box 1180, Wharton, Texas, secretary-treasurer.

• June 6-8—Tristates Oil Mill Superintendents' Association annual convention. Biloxi, Miss. For information, write Roy Castillor, 20 Lemon Drive, Little Rock, Ark., secretary-treasurer.

• June 10-12—Texas Cottonseed Crushers' Association annual convention. Statler Hilton Hotel, Dallas. Jack Whetstone, 624 Wilson Building, Dallas, secretary-treasurer.

• June 20-22—Mississippi Cottonseed Crushers' Association annual convention. Buena Vista Hotel, Biloxi, Miss. Gordon W. Marks, P. O. Box 1757, Jackson, Miss., secretary.

• Sept. 23-26—American Oil Chemists' Society fall meeting. Sherman Hotel, Chicago. For information, write Society headquarters, 35 East Wacker Drive, Chicago.

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Designed, Fabricated and Erected

Confer with us on your storage problems

MUSKOGEE IRON WORKS

Muskogee, Oklahoma

laugh it off

Two old bums were sitting on a park bench. "I am a man," said one, "who never took advice from anybody."

"Shake, brother," replied the other. "I took advice from everybody."

Visitor: And what are you going to do when you get as big as your mother, little girl?"

Little girl: Diet.

A tramp knocked on the door of the inn known as "George and the Dragon." The landlady opened the door and the tramp asked, "Could you spare a hungry man a bite to eat?"

"No!" replied the landlady, slamming the door in his face.

A few minutes later the tramp knocked again. The landlady came up to the door again. This time the tramp asked, "Could I have a few words with George?"

A policeman was questioning a woman who had been knocked down by a hit-and-run driver. "Did you get the license number of the car, madam?" he asked.

"No," replied the victim, "but the girl driving it was wearing a natural straw sailor hat trimmed with daisies, a tailored chartreuse suit, and a white blouse."

"Now son," said the infuriated father, "Tell me why I punished you."

"That does it," said Junior. "First you beat the hell out of me, and then you ask me why you did it!"

Few things in life seem to please more than parking on what's left of the other fellow's nickel.

"Now Dinah, while the company is here, be very careful not to spill anything."

"You can trust me, ma'am. I won't say a word."

A tough break is to be born rich and never have the opportunity of bragging about carrying a paper route.

One of the boys who wears a hearing aid got into a cab to go uptown and the driver expressed great interest in the device. "Them things any good?" he asked.

"Sure," said the passenger, "Helps me a lot."

"Betcha it's tough to be deaf," said the cabbie, "but then, everybody's got something the matter. Take me—I can hardly see."

"If I were a rich man," Gene said, after the girl had turned down his proposal, "you'd marry me fast enough."

"Thank you," she said. "A very nice compliment."

"I don't get it."

"All the other boys I've known compliment me on my charm and beauty. You're the first one who's given me credit for a little good sense."

The weary and haggard clerk had been kept busy so long by an important customer that eventually he demanded:

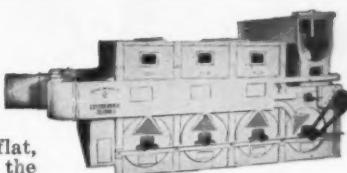
"Madam, are you shopping here?"

"Certainly," retorted the lady.

"Oh," went on the clerk, "I just thought you might be taking an inventory."

HINCKLEY

Our 72" Drier-Cleaner-Boll Opener has flat, paddle blades that blow the trash out of the cotton without damage to the fiber. You will be delighted with one in your gin.



72" COF

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• All-Time Record Set For Cottonseed Oil

AN ALL-TIME record total of 1.8 billion pounds of cottonseed oil was consumed last year, the National Cotton Council reported. This is an increase of 49 percent over 1953 consumption, and much of the gain was at the expense of soybean oil which, for the first time, failed to show a rise over the previous year's usage.

Cottonseed oil accounted for 31 percent of the total vegetable oil consumption of 5.7 billion pounds in 1954, as compared to 23 percent in 1953. The soybean decline was from 45 per cent in 1953 to 39 percent in 1954.

In salad oils, dressings and mayonnaise, the biggest single category, cottonseed oil consumption climbed to 670,890,000 pounds, up 53 percent over 1953, and represented 75 percent of the market.

In shortening, cottonseed rose to 633,125,000 pounds, up to 10 percent and represented 38 percent of the market. In margarine, a 1953 decline was reversed, with cottonseed oil climbing to 396,482,000 pounds last year.

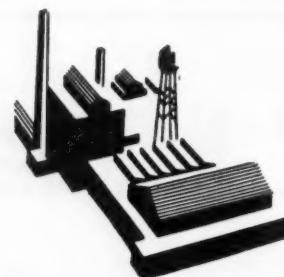
A total of 5,900,000 pounds of cottonseed oil went into the fast growing mellowine market in 1954 to show an increase over the previous year. However, cottonseed oil's share dropped from 45 to 42 percent of the total market.

These compiled figures are from the Council's study, "Cottonseed and Competing Vegetable Oils, 1954." Copies may be obtained by writing the National Cotton Council, P.O. Box 9905, Memphis 12.

Cotton Manufacturers Move to New Office

The Washington office of American Cotton Manufacturers' Institute has moved to a new location at 1145 19th Street, N.W., Suite 504, Washington 6, The new phone number is District 7-2496.

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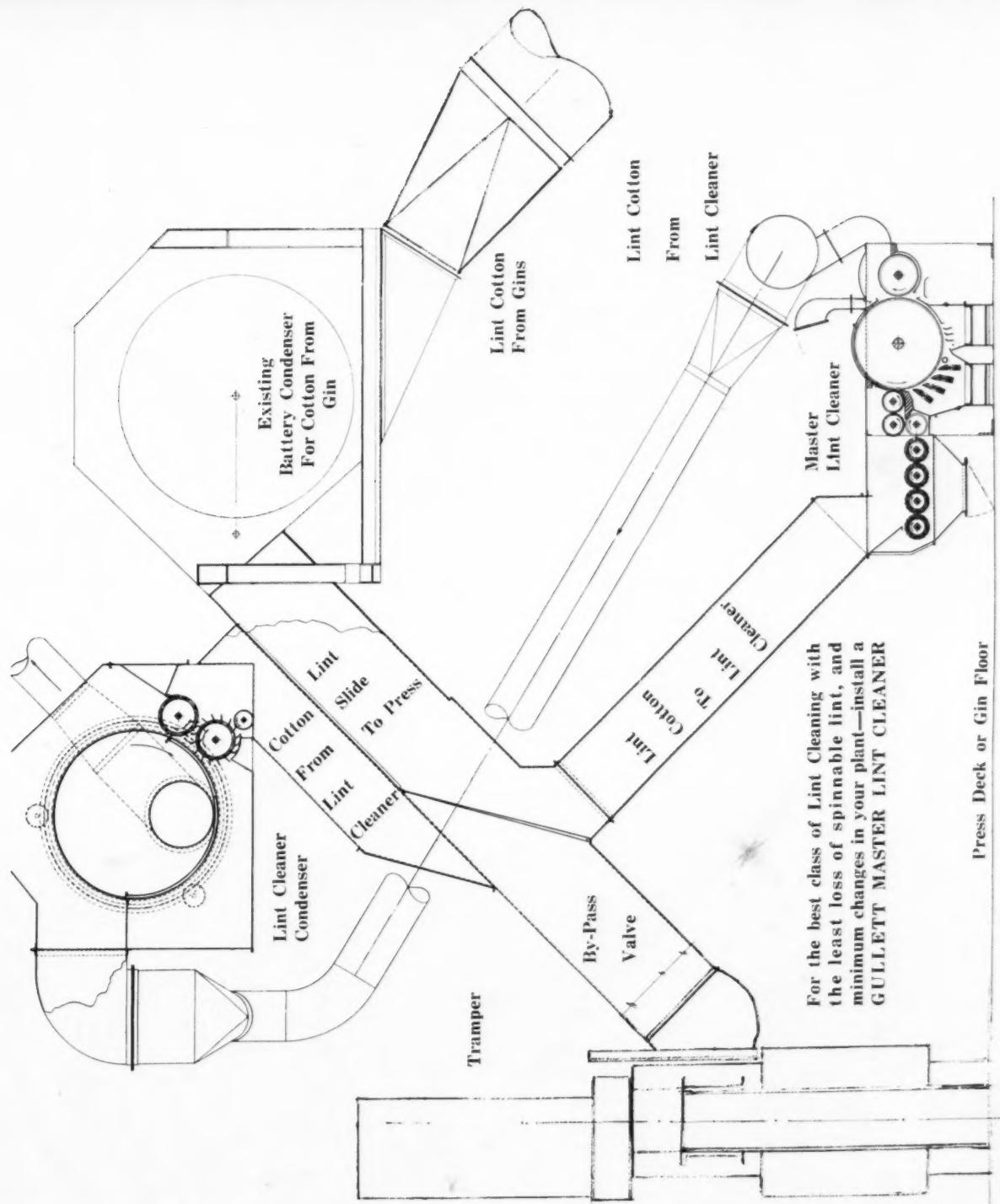
1629 Main St. Fort Worth, Texas



Manages Texas Oil Mill

MAURICE NIXON was appointed manager of the Western Cottonoil Co. at Memphis, Texas, recently. He formerly was with the firm at San Angelo. At Memphis he succeeded Rufus Grisham, who moved to the Lubbock mill.

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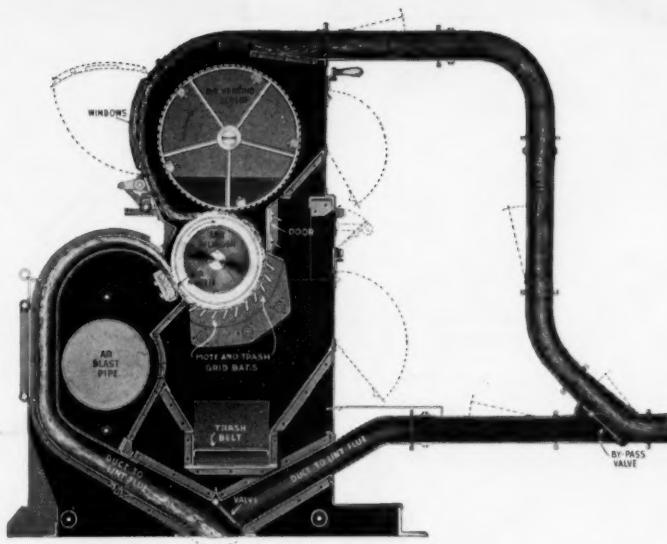
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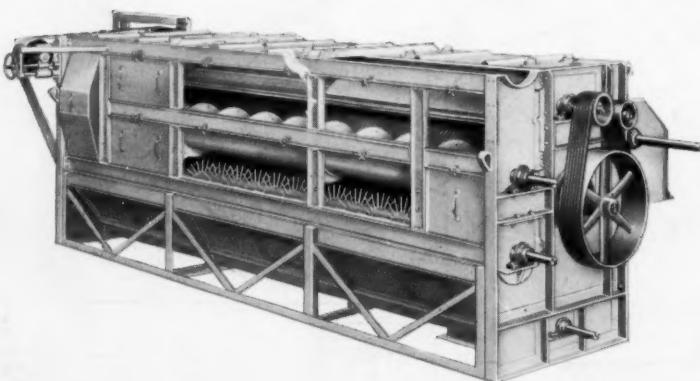


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